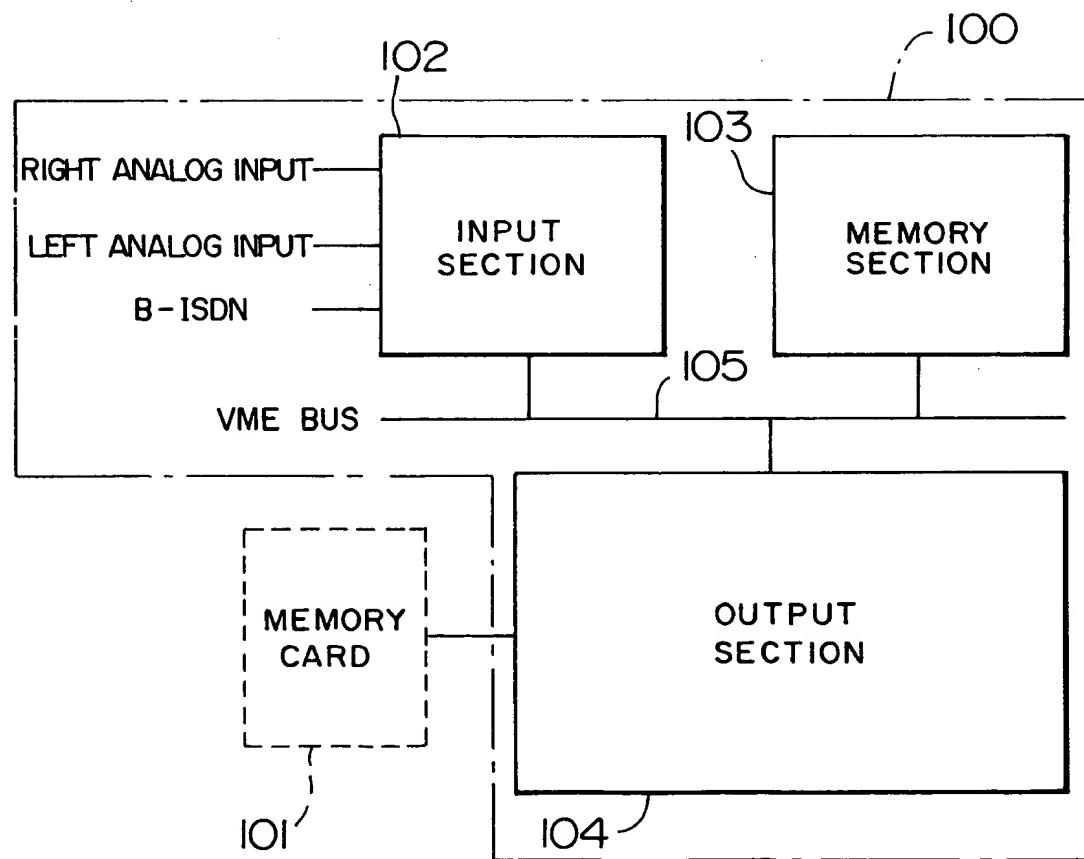


APPROVED	DATE	CLASS	SUBCLASS
BY			
DRAFTER			

J1033 U.S. PTO  
09/08/01 368  
06/22/01

FIG. 1



00000000000000000000000000000000

APPROVED	102. FIG.	CLASS	SUBCLASS
BY			
DRAFTSMAN			

FIG. 2

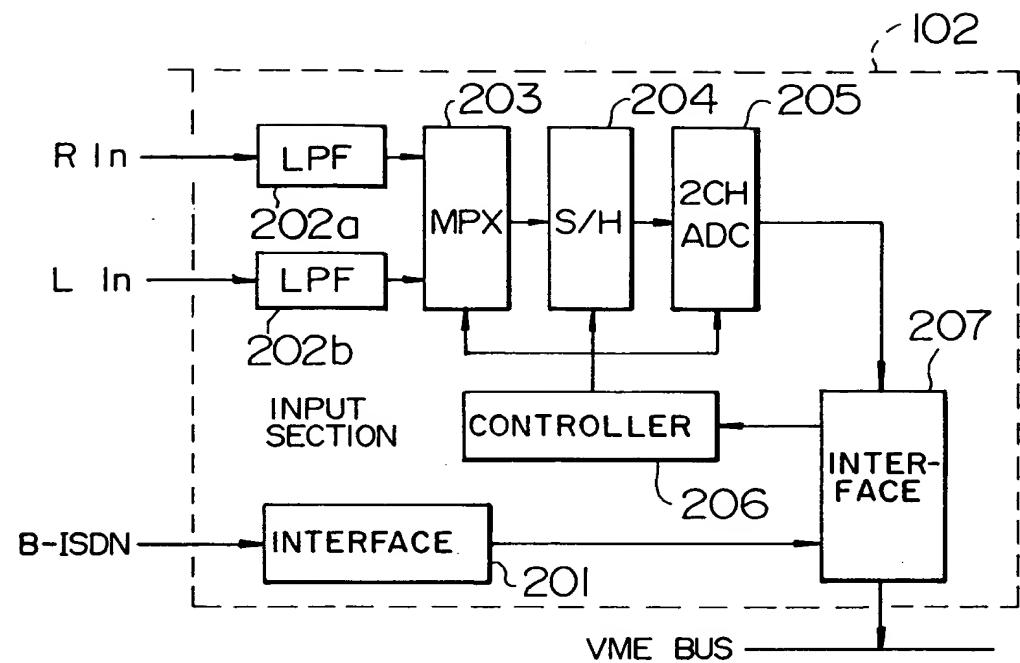


FIG. 3

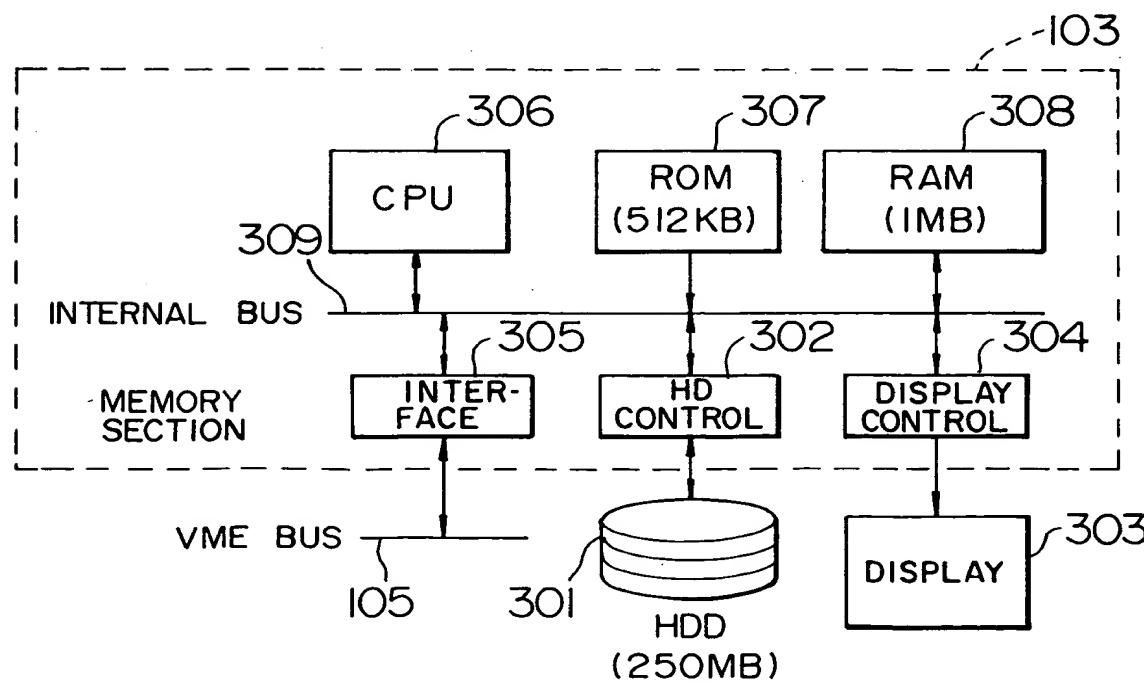
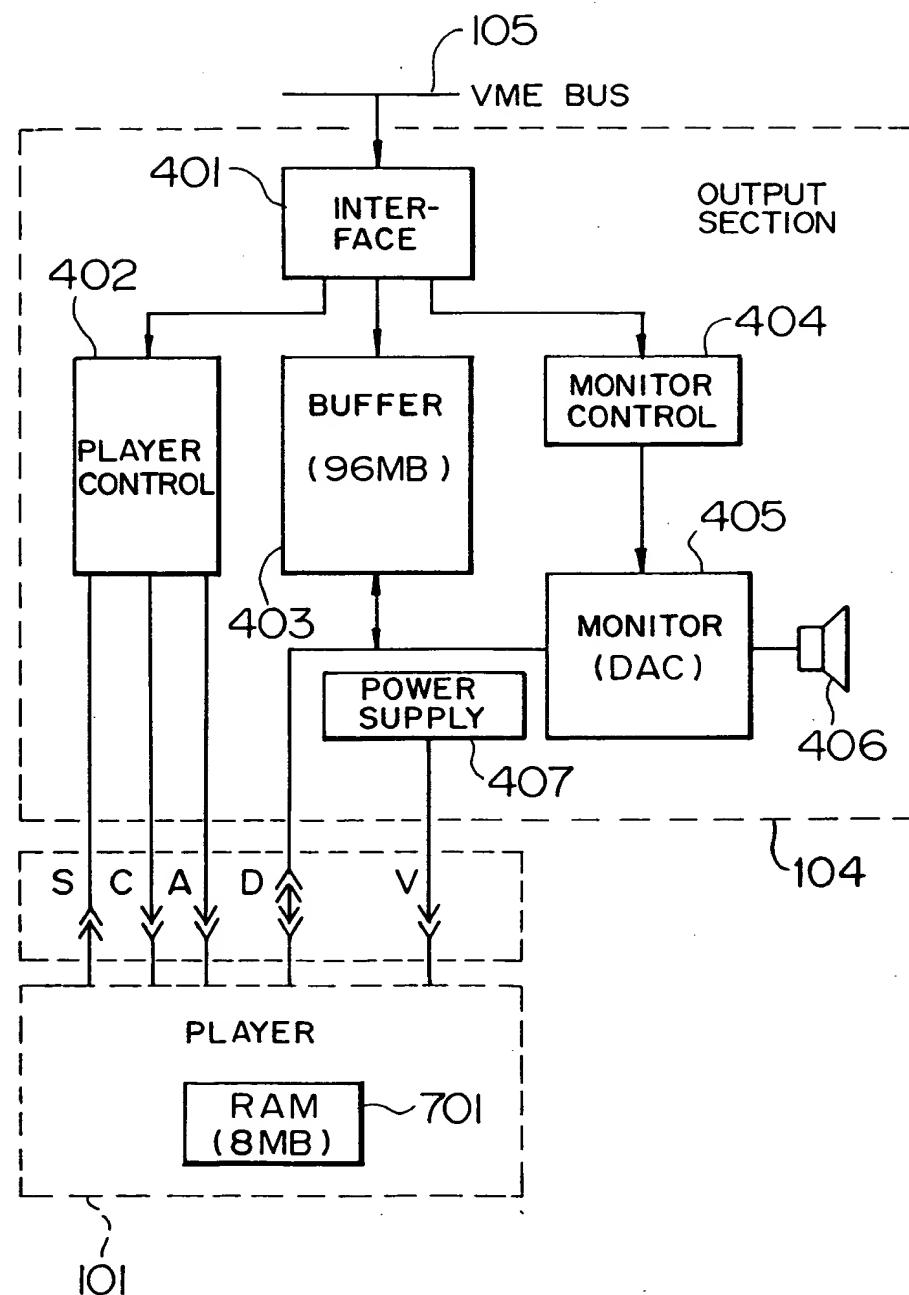


FIG. 4



0988368-002207

FIG. 5

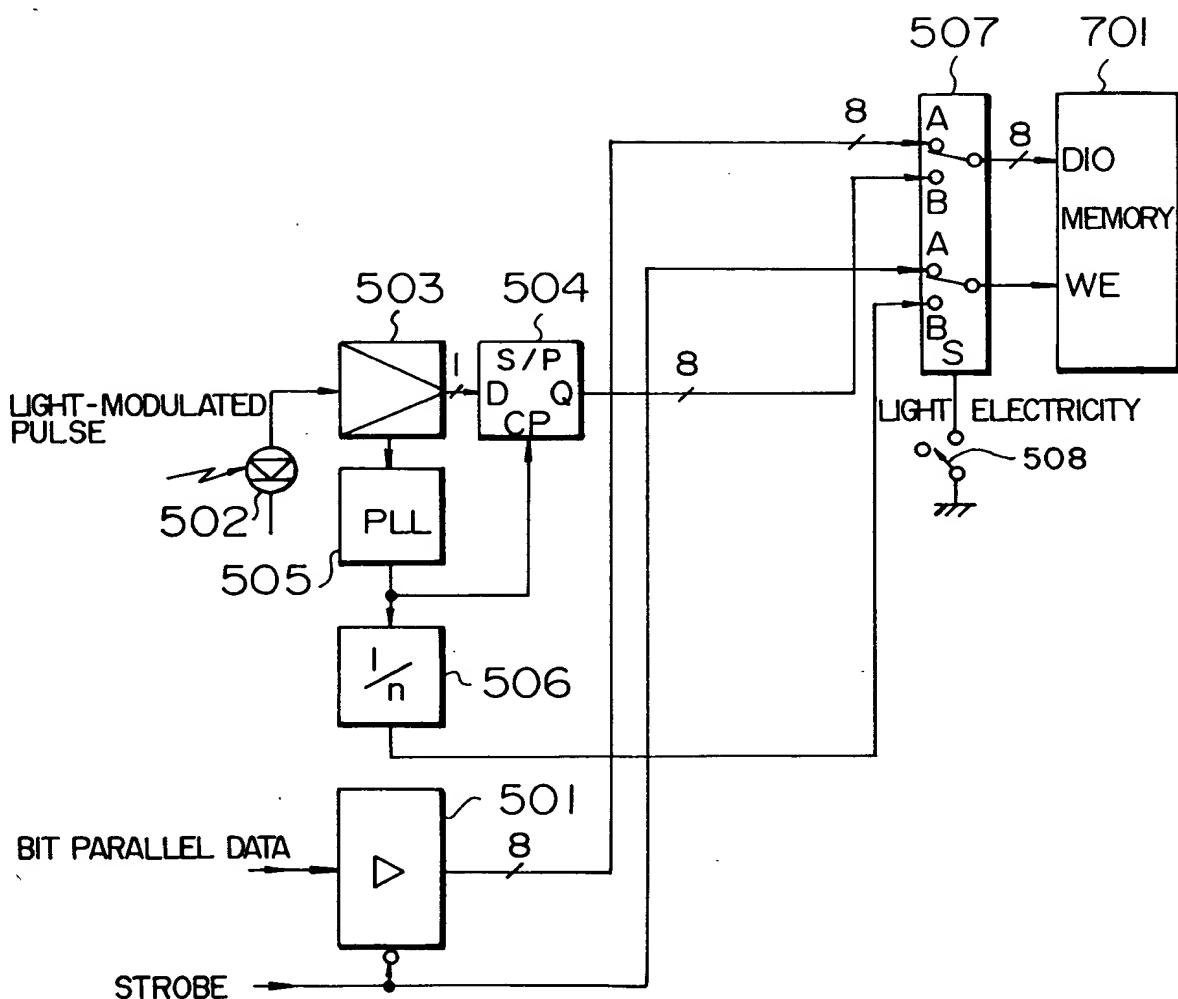
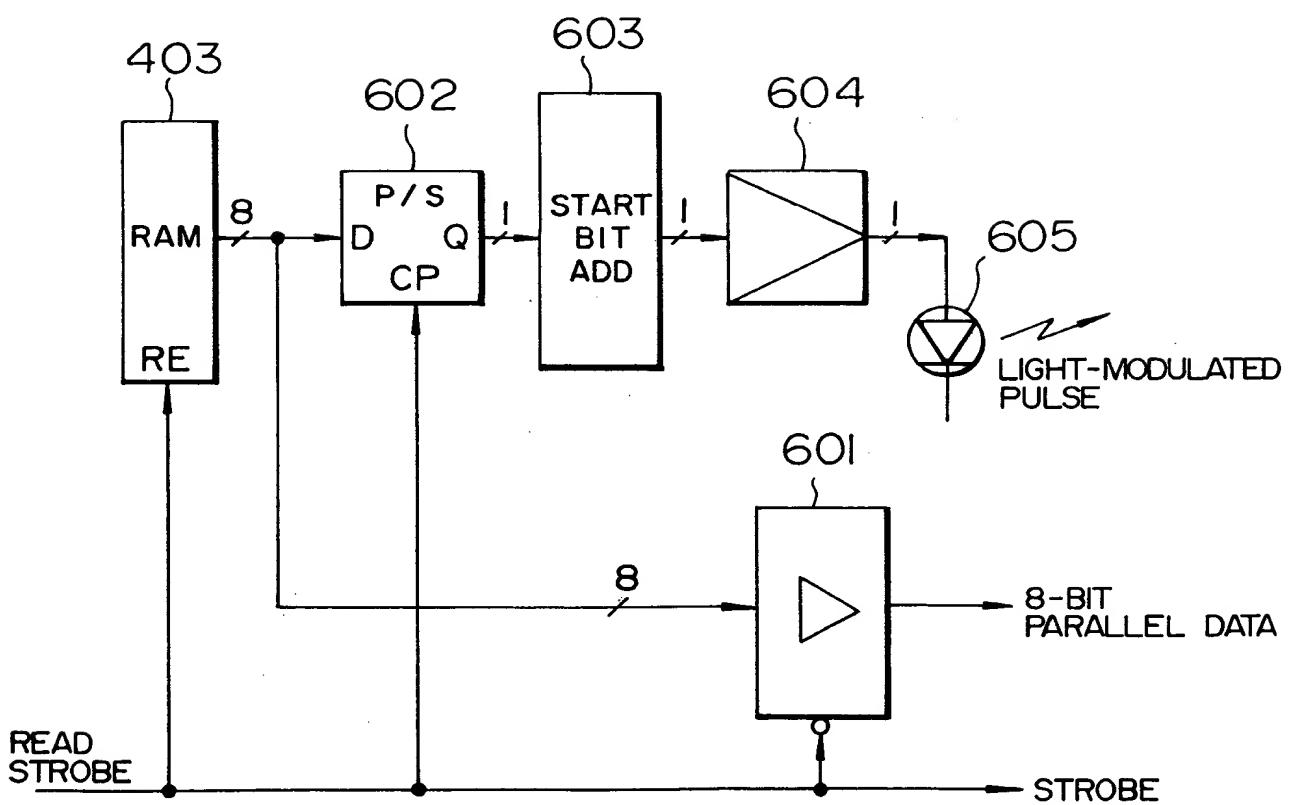


FIG. 6



09886368 - 062204

FIG. 7

00000000000000000000000000000000

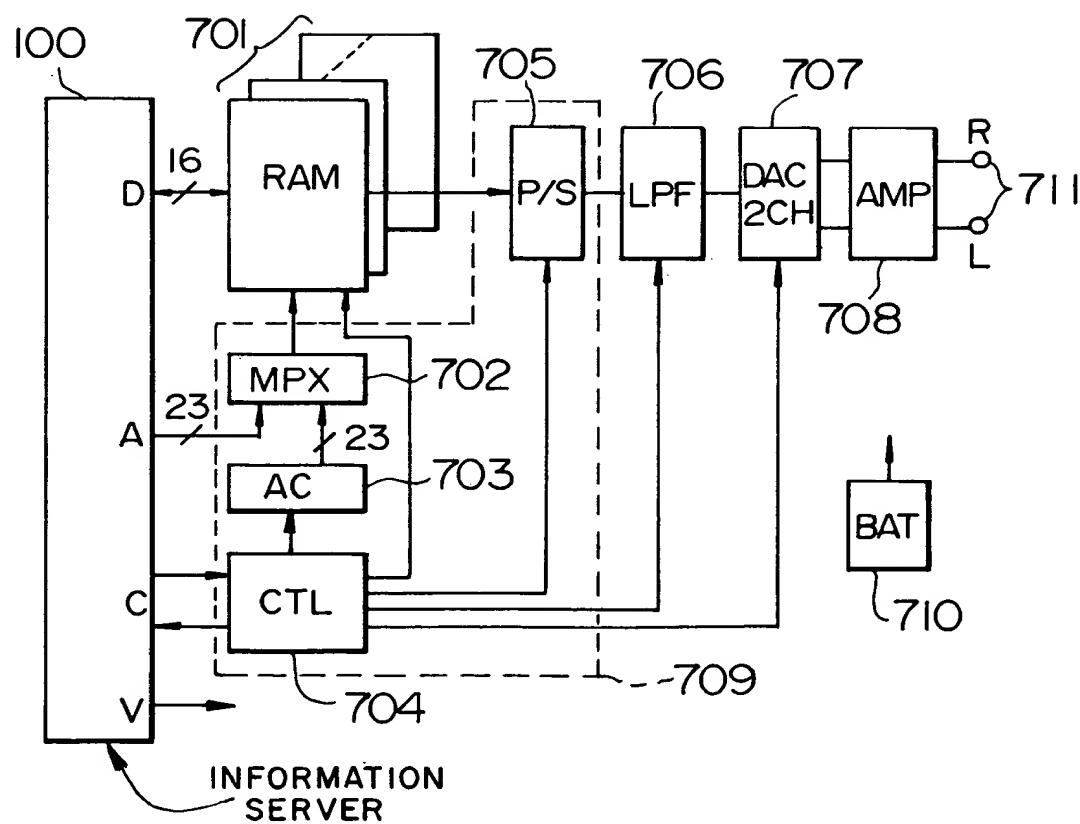


FIG. 8

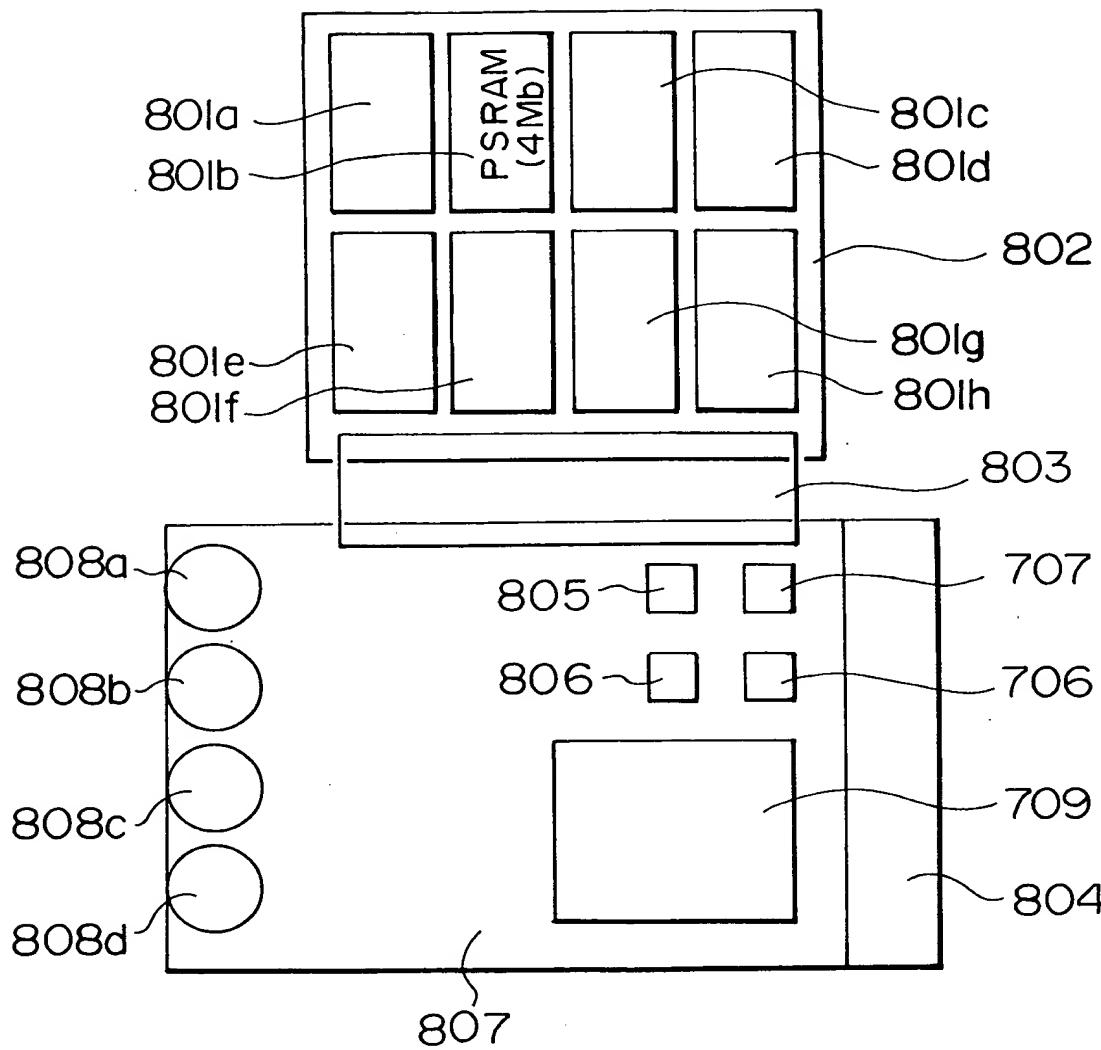
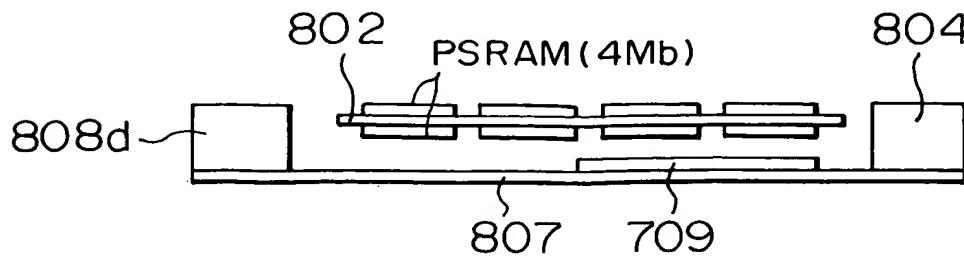


FIG. 9



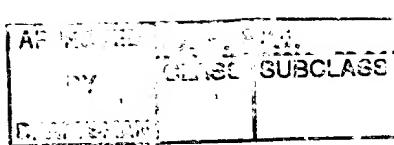


FIG.10

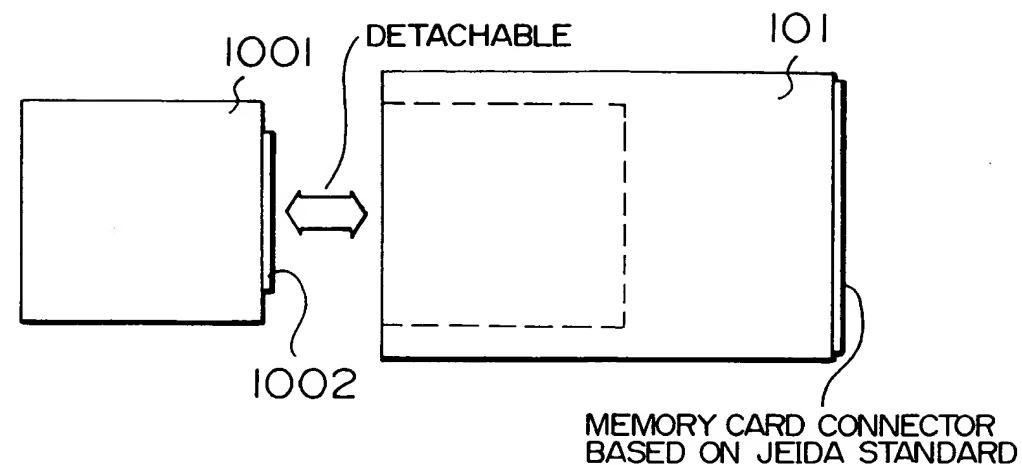
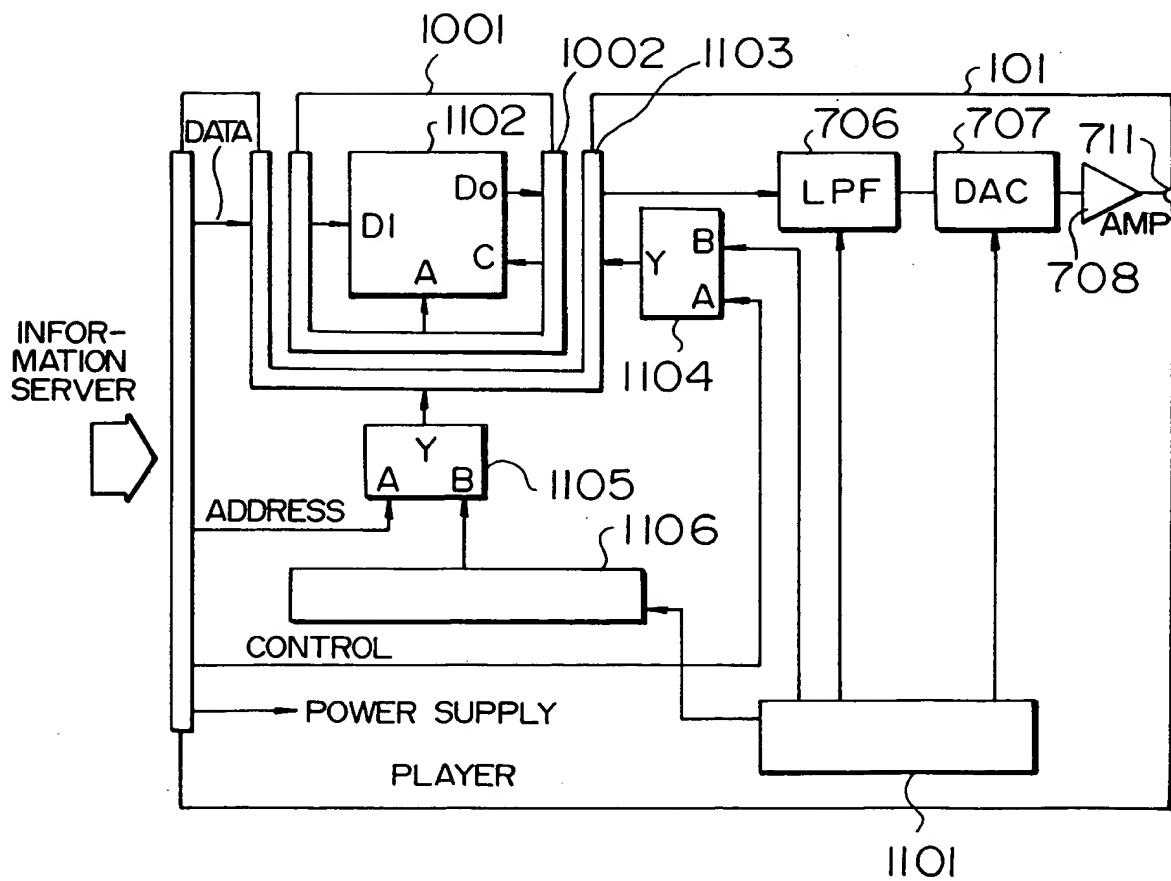


FIG.11



APPLICANT	100-1000
BY	CLASS
DRAFTSMAN	SUBCLASS

FIG.12

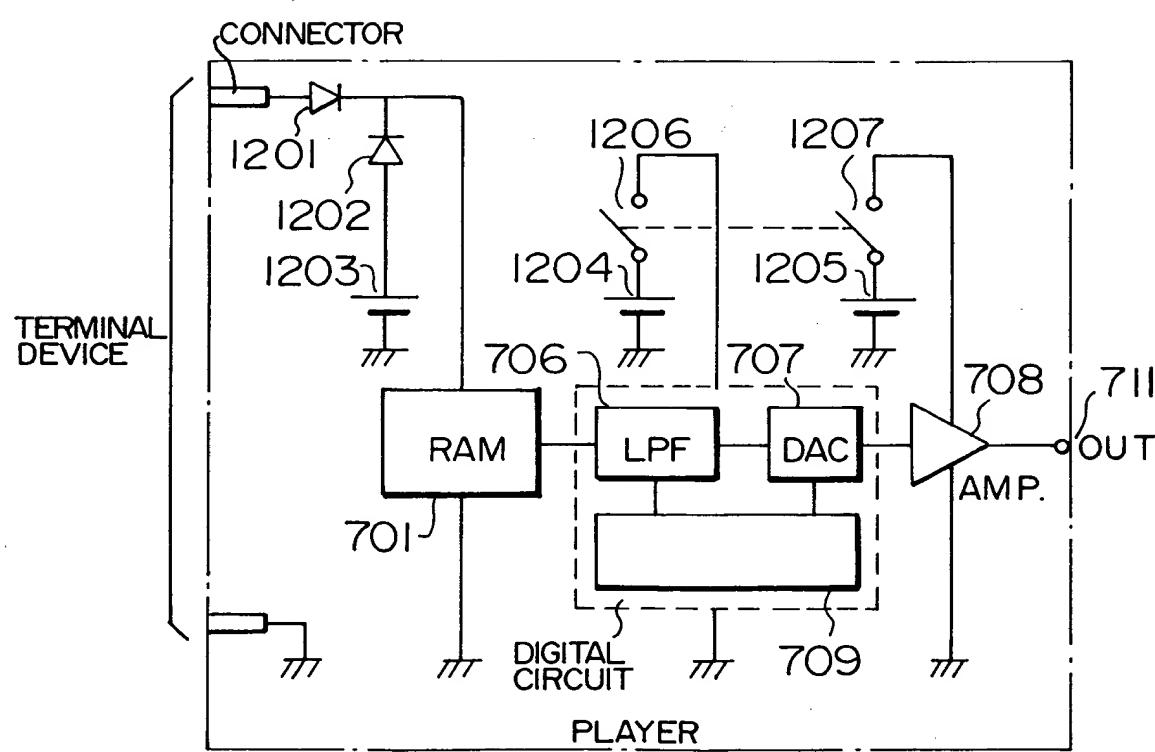


FIG. 13

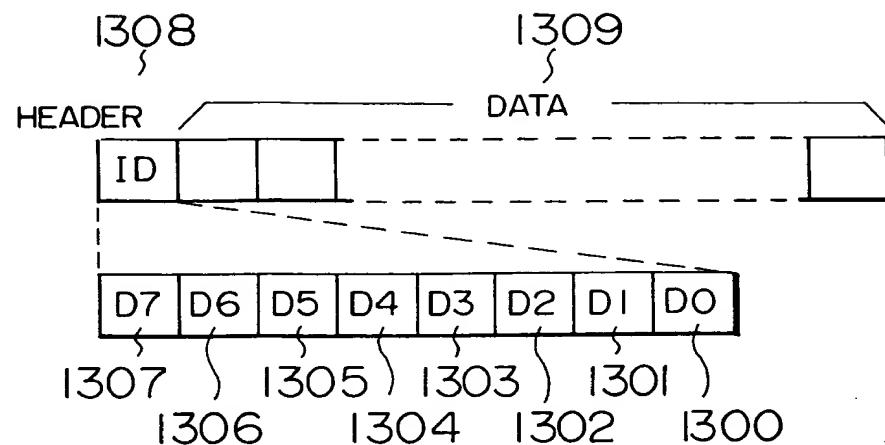
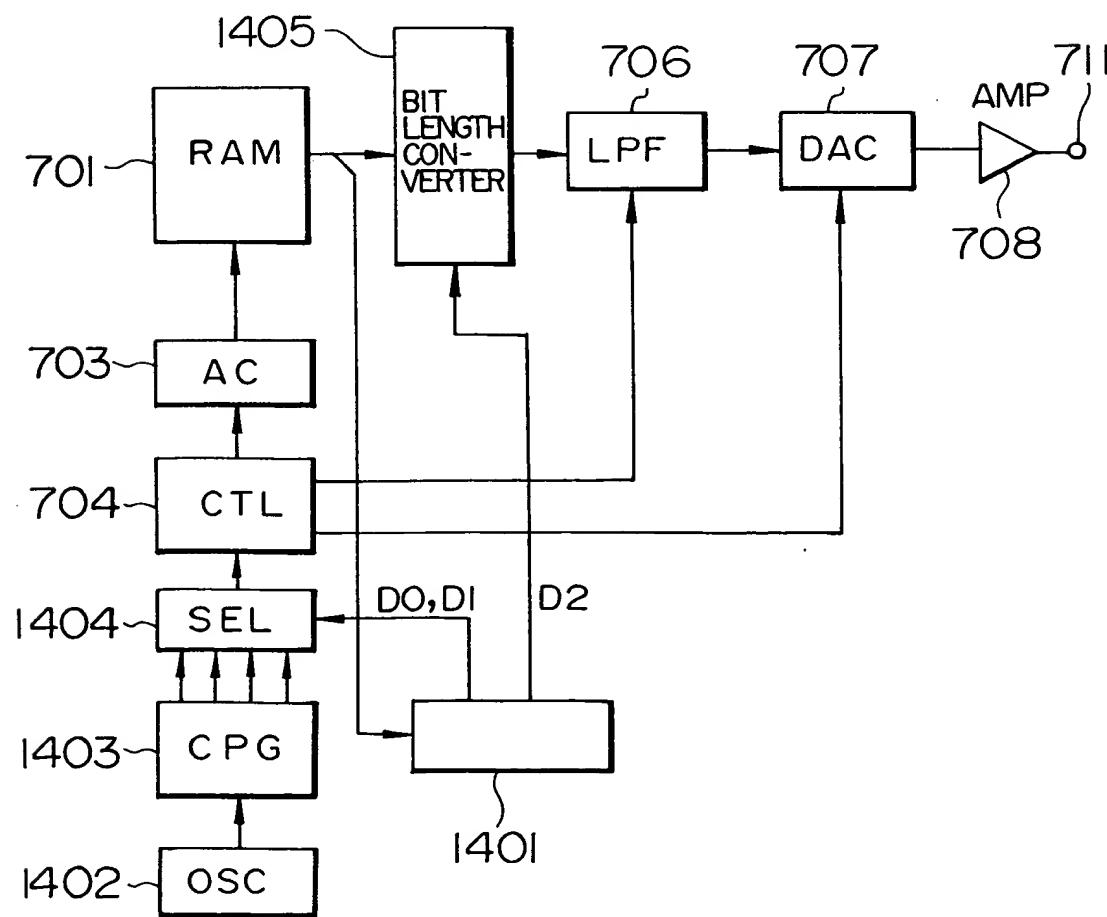


FIG. 14



09886266 0622203

FIG.15

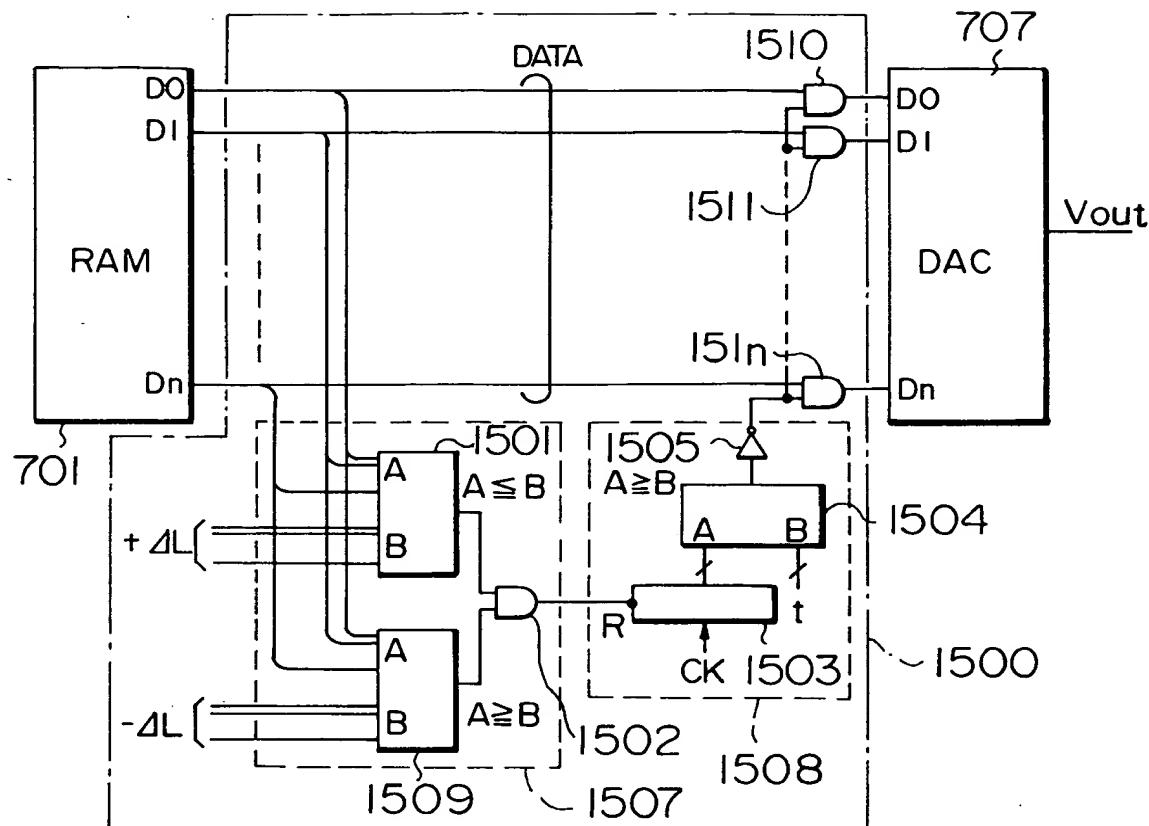


FIG.16

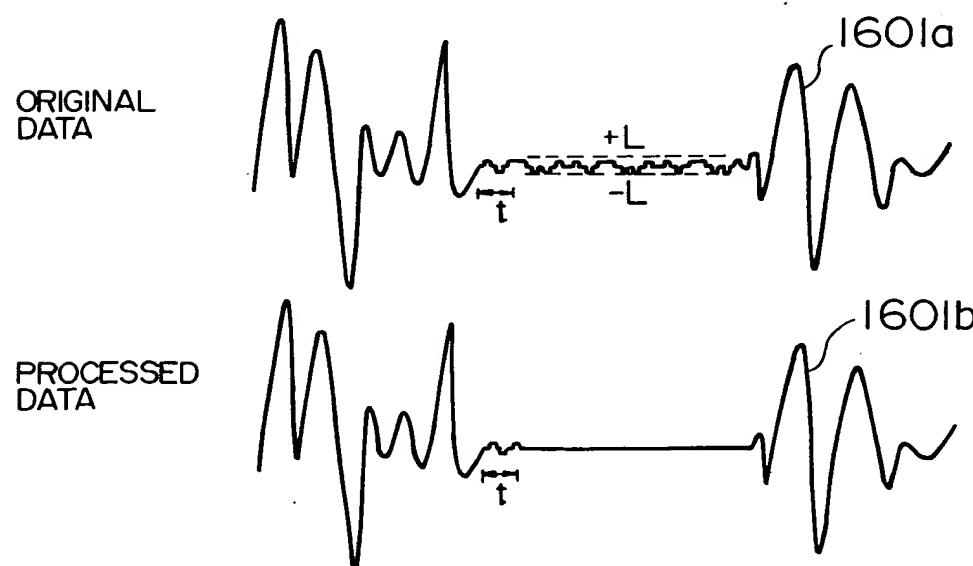


FIG.17

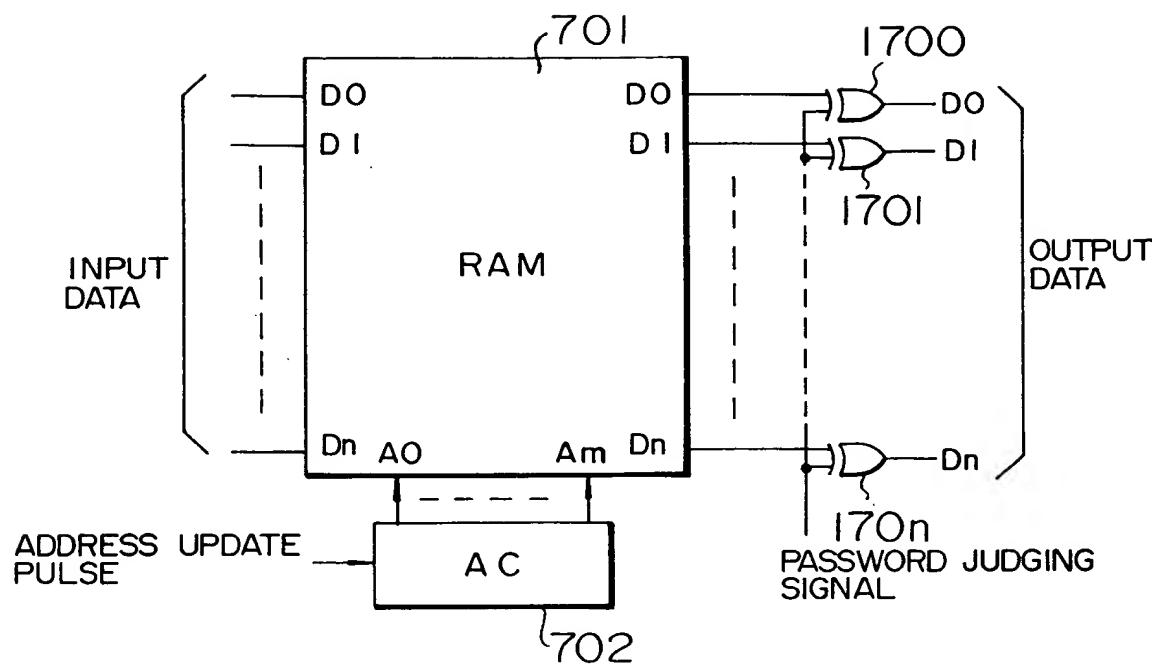
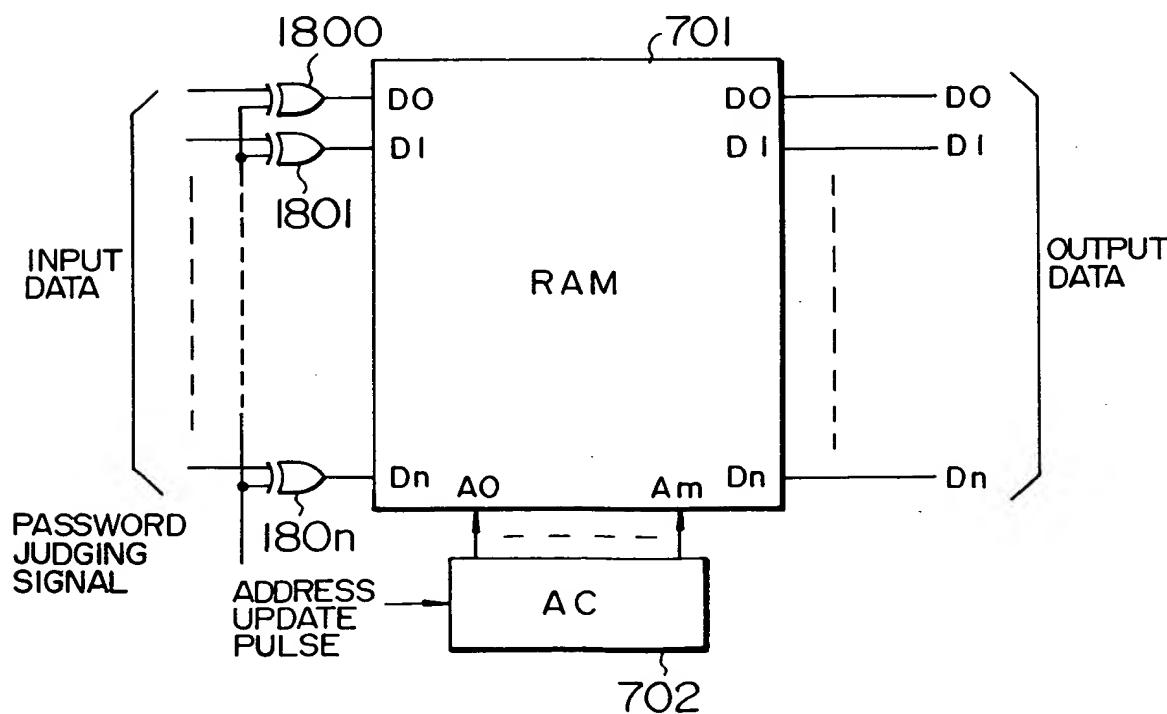


FIG.18



APPROVED	BY	CLASS	SUBCLASS
BY	DRAFTER		

FIG.19

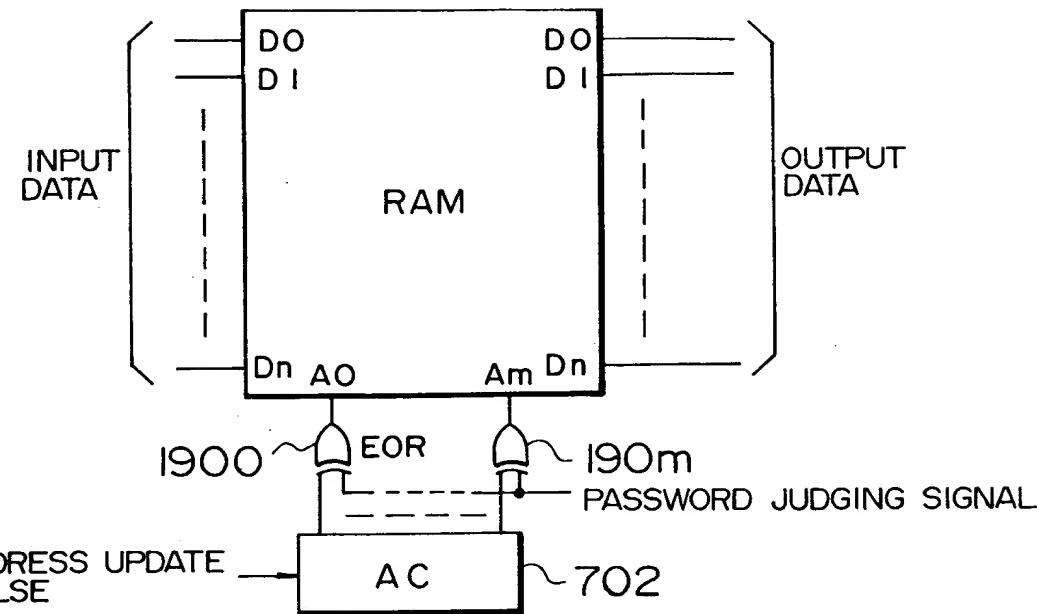


FIG. 20

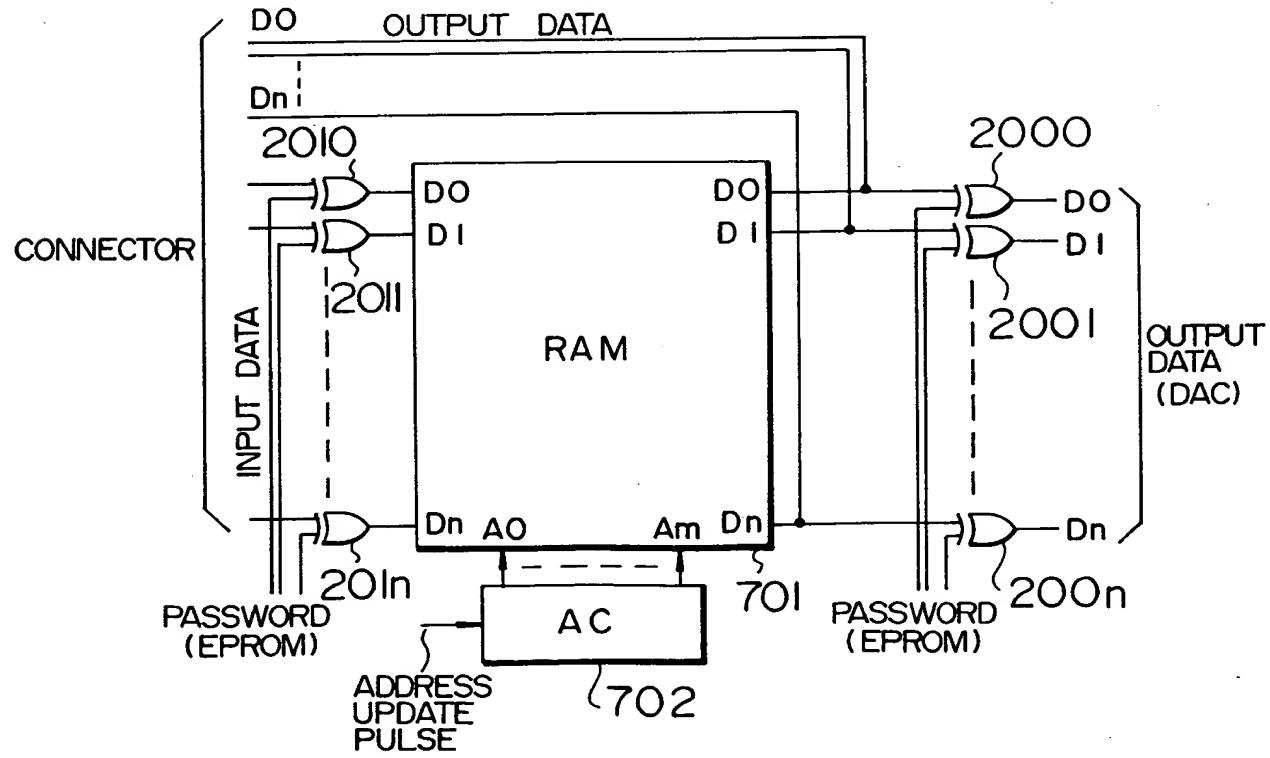


FIG. 21

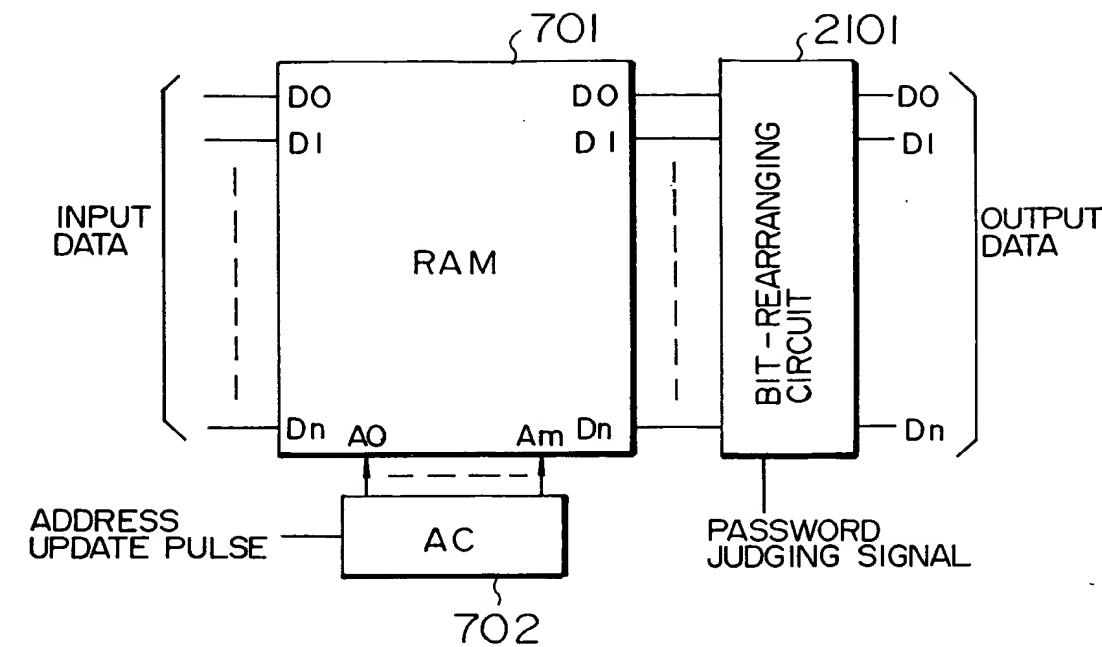


FIG. 22

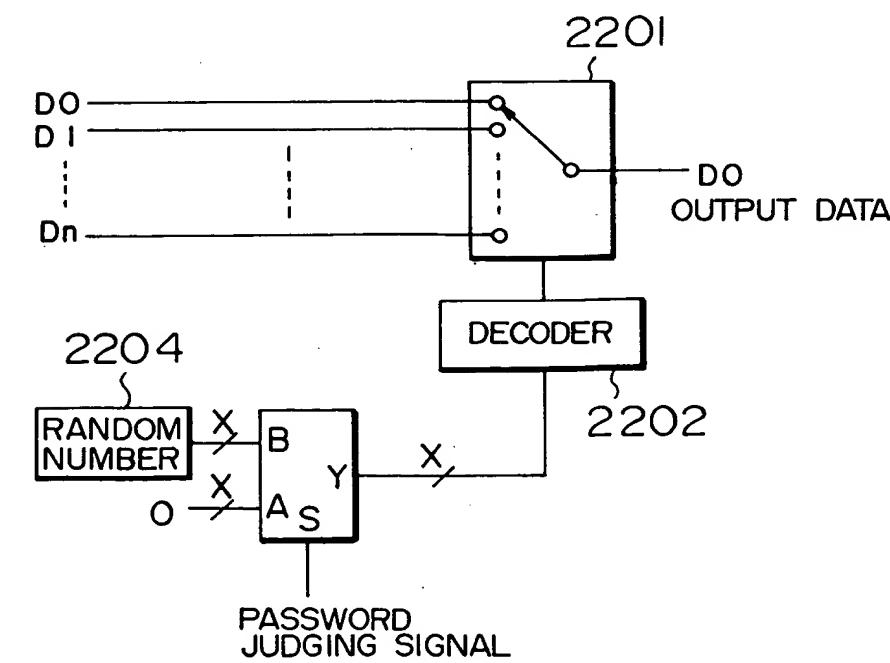


FIG. 23

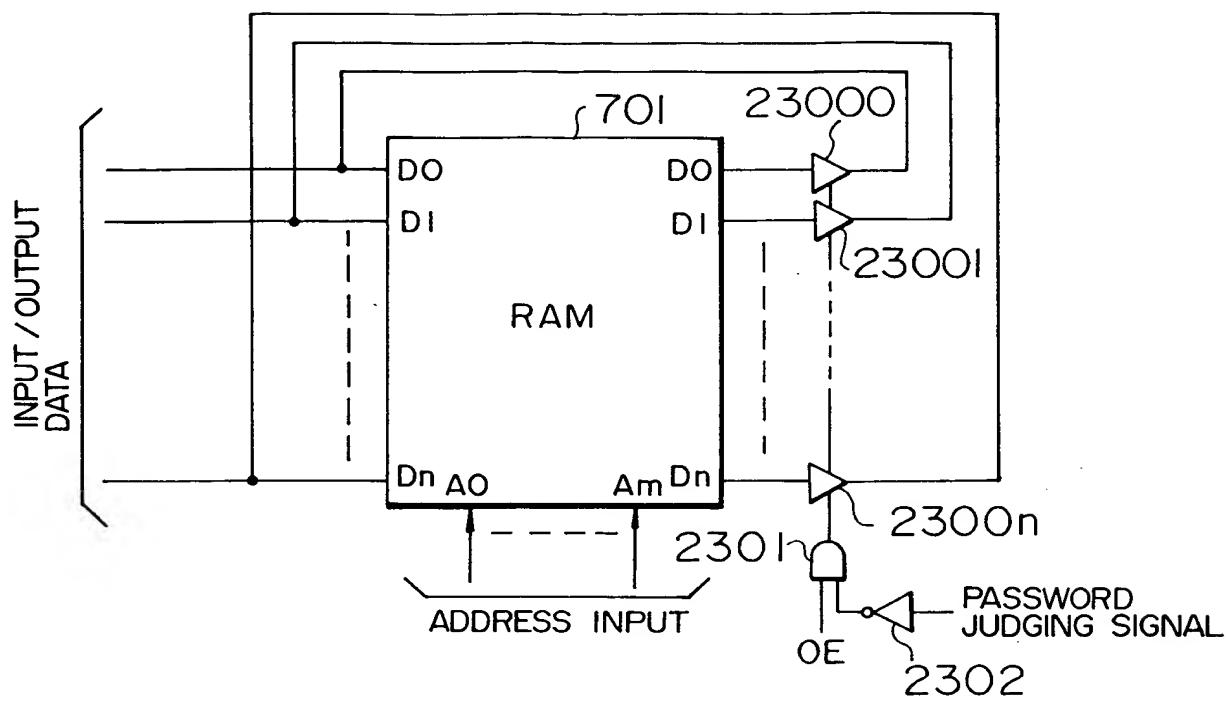


FIG. 24

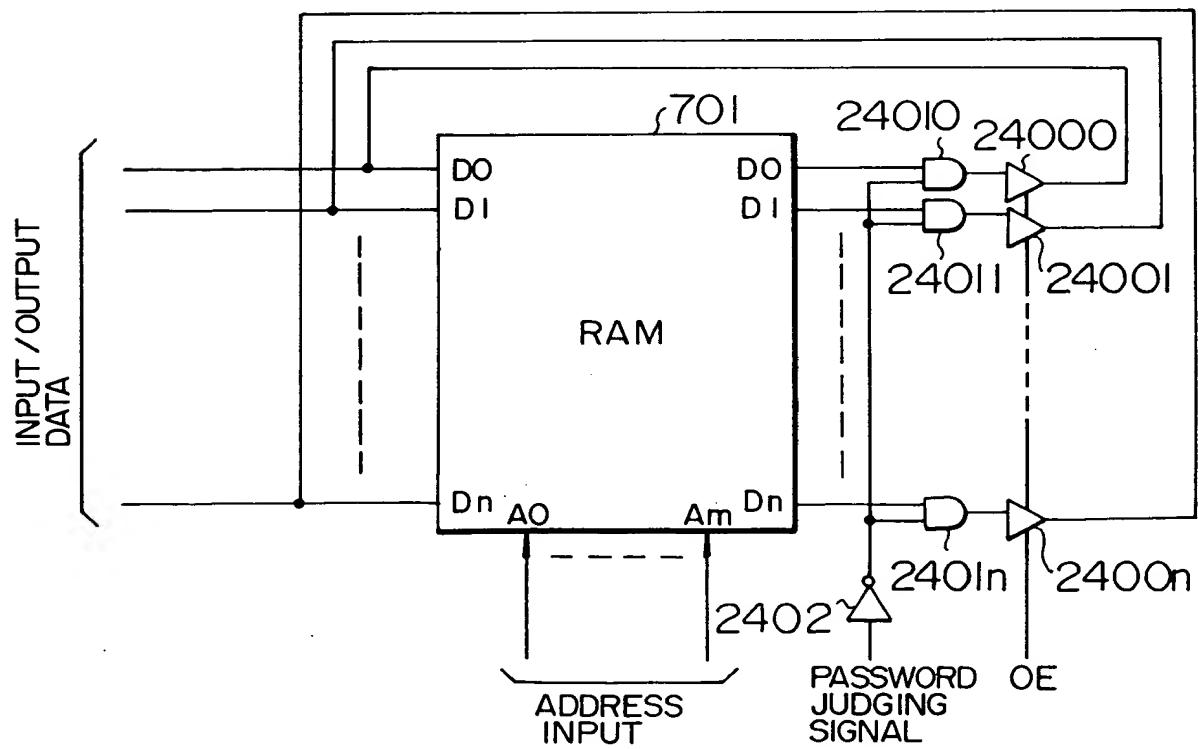


FIG. 25

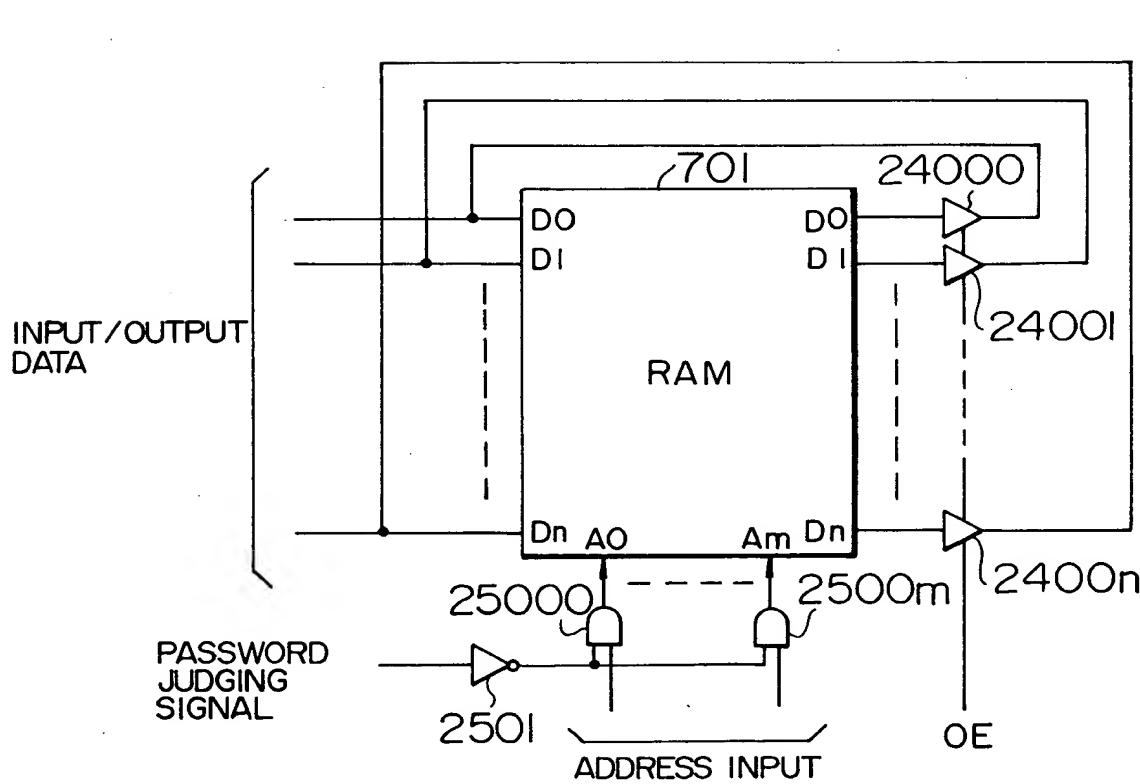


FIG.26

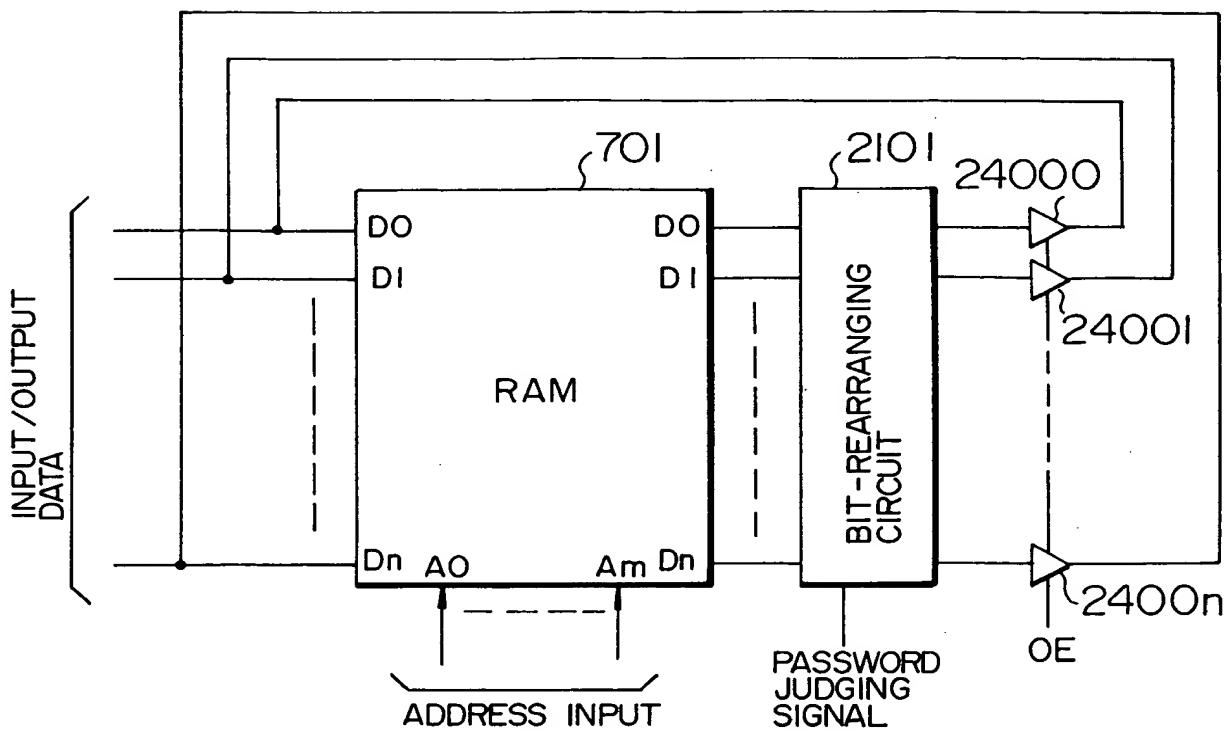
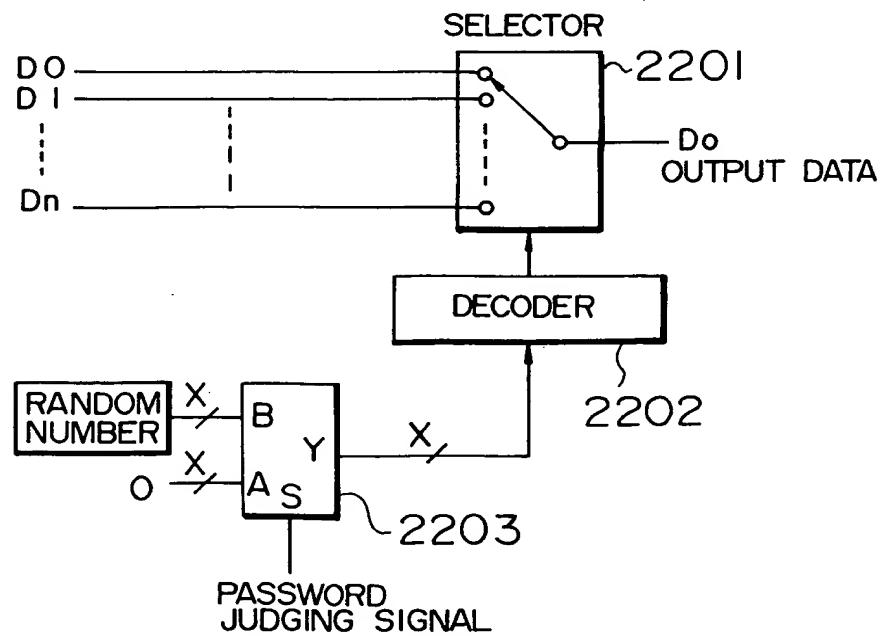


FIG.27



APPROVED	1972	CLASS	SUBCLASS
BY			
DR. R. F. MAN			

FIG. 28

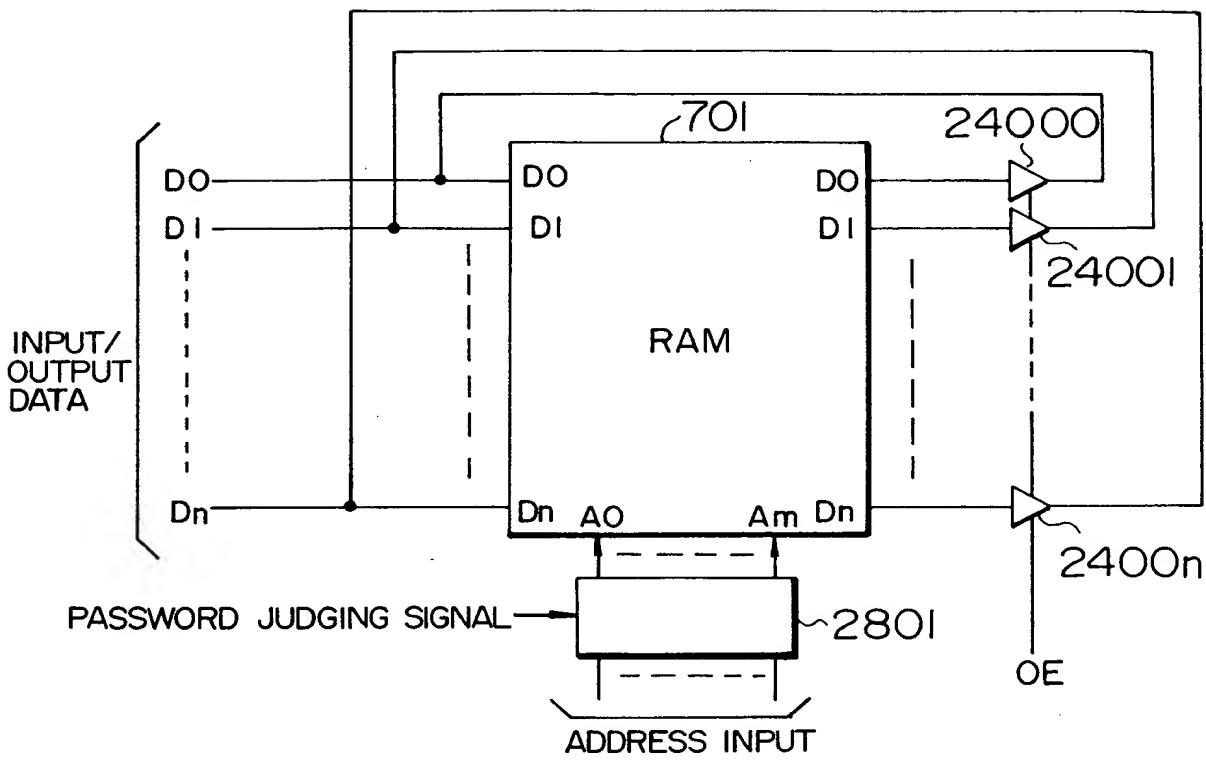


FIG. 29

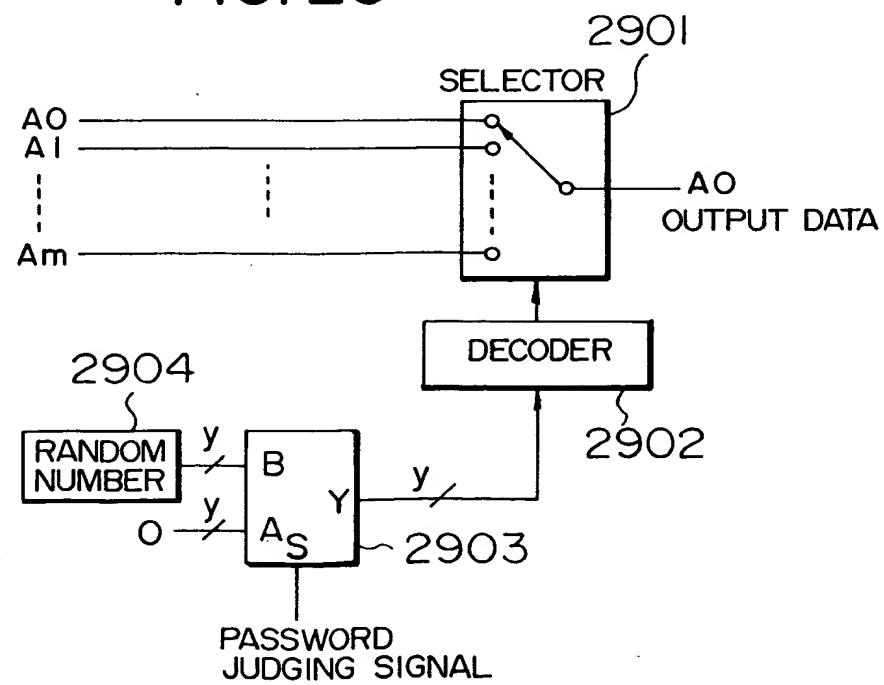


FIG. 30

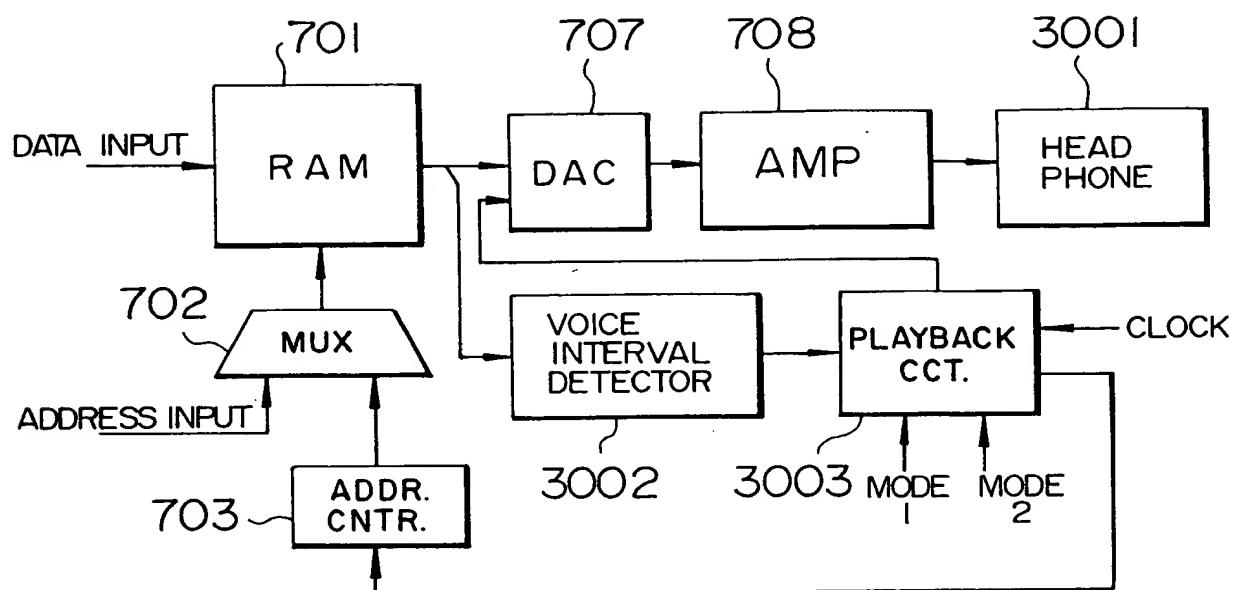


FIG. 31

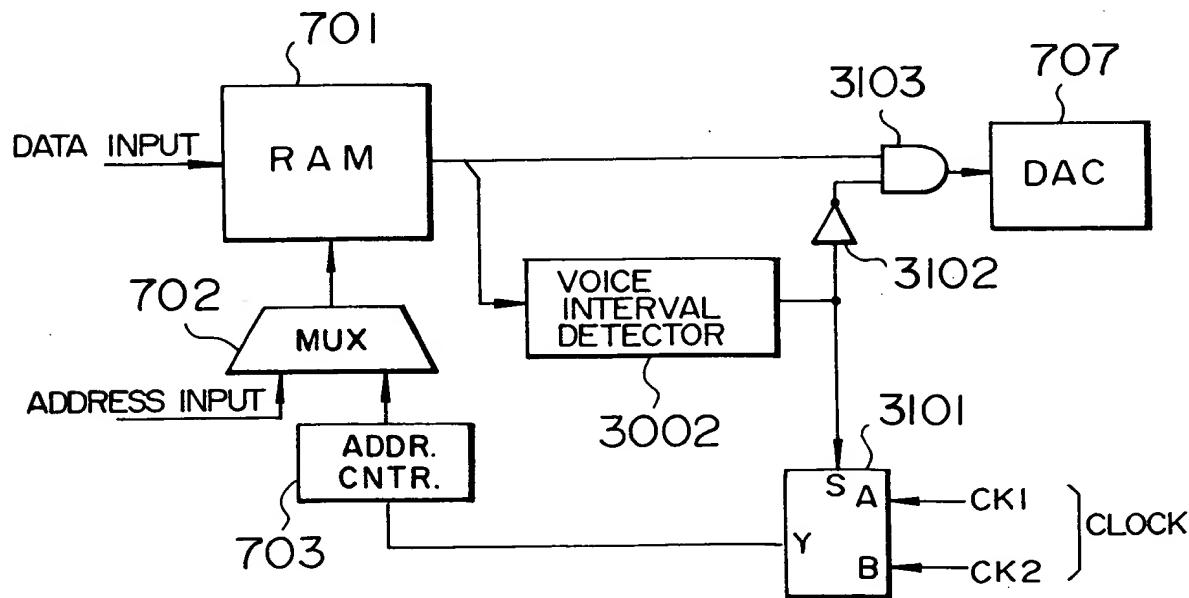
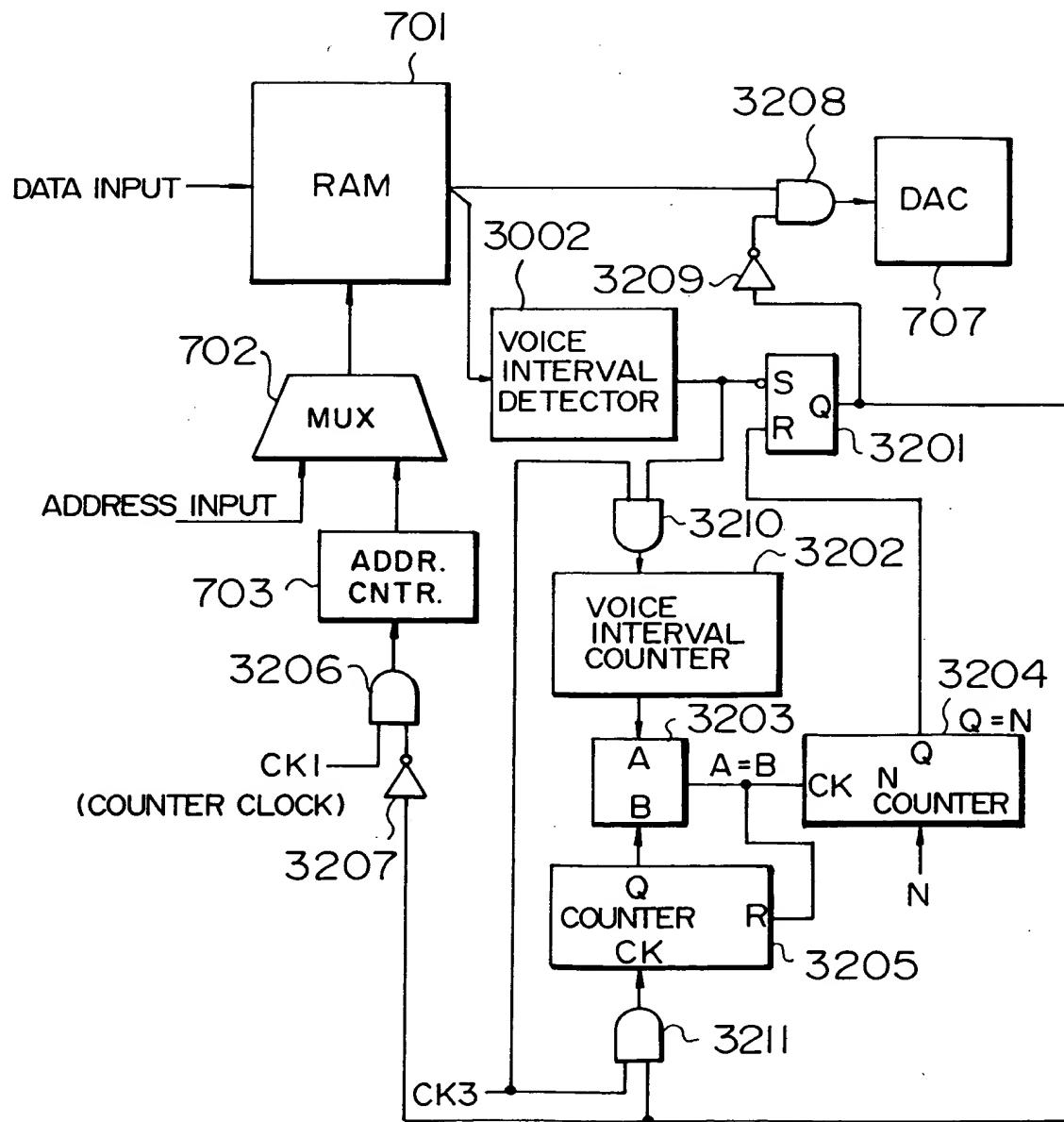


FIG. 32



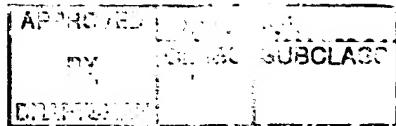


FIG. 33

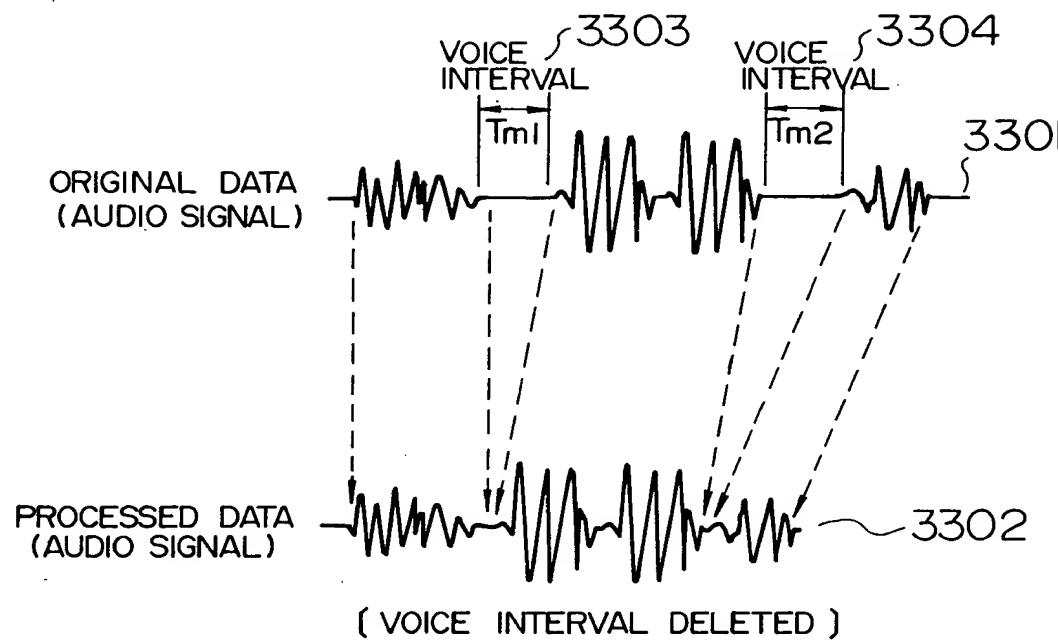
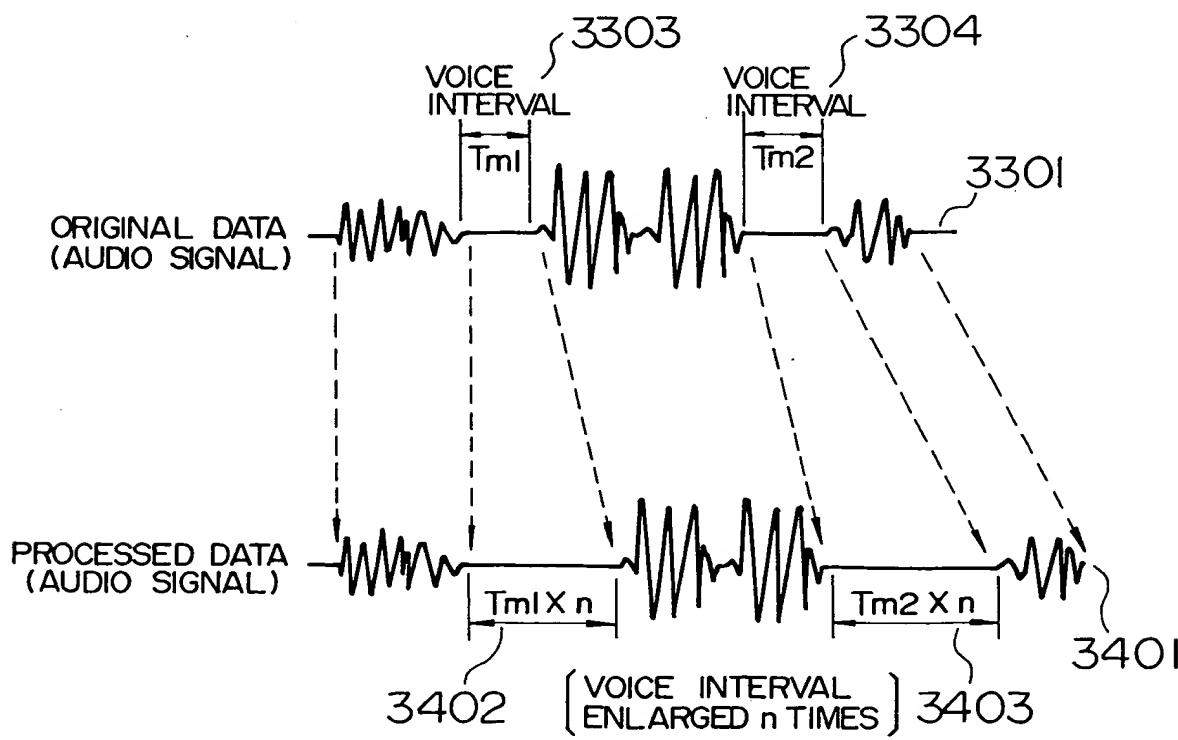


FIG. 34



09886368 - 062201

FIG. 35

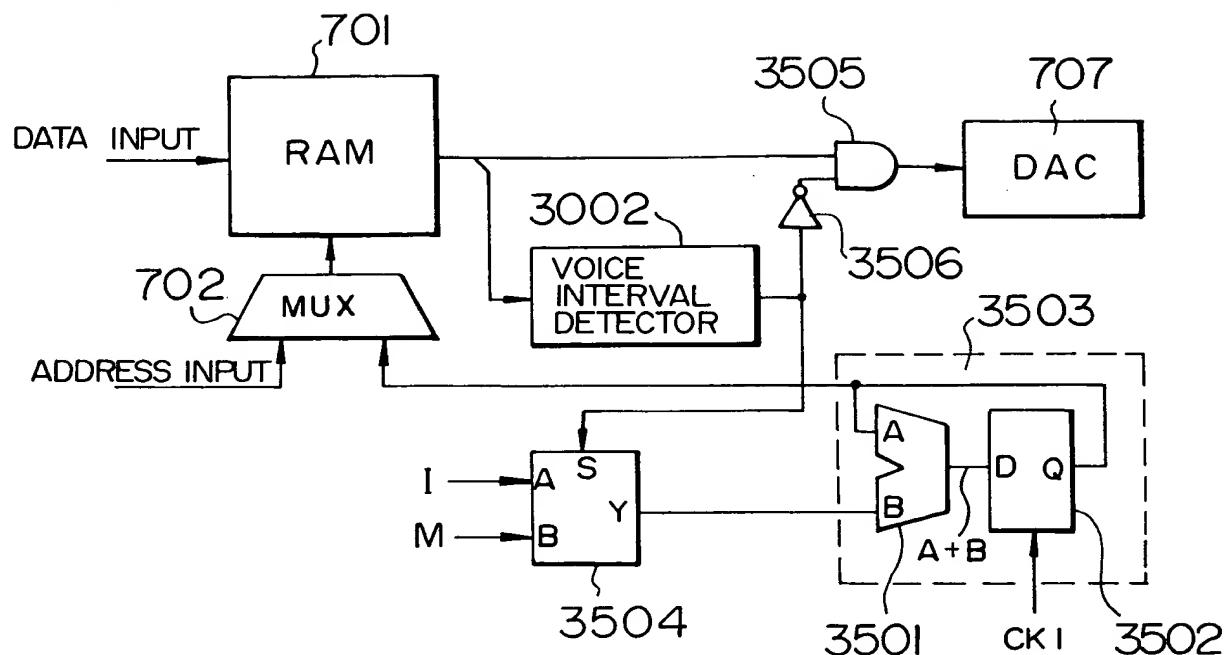


FIG. 36

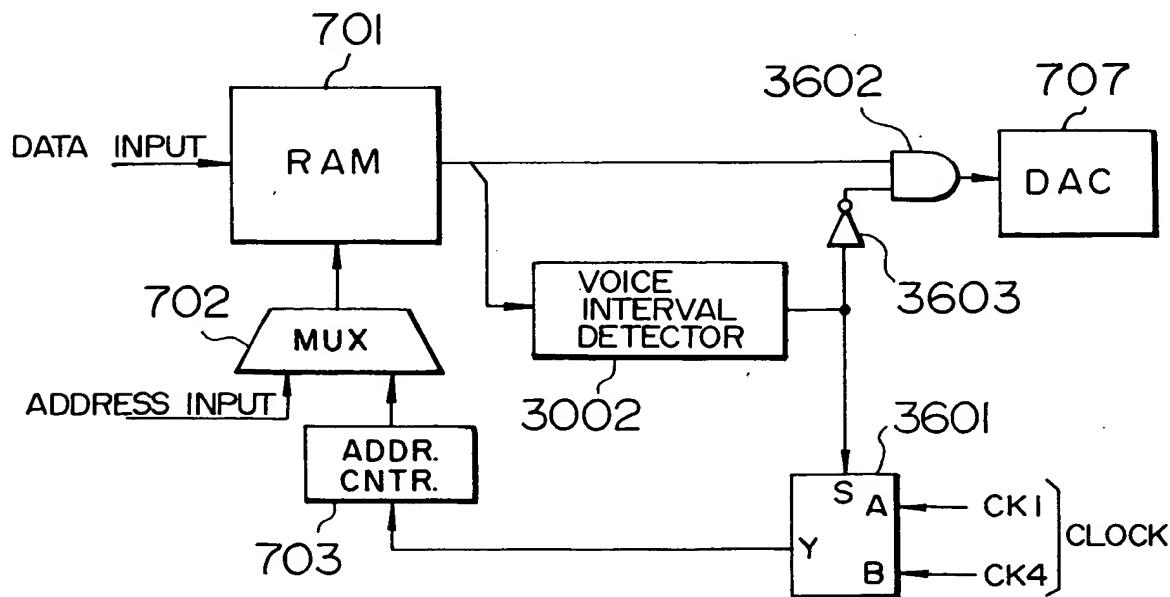


FIG. 37

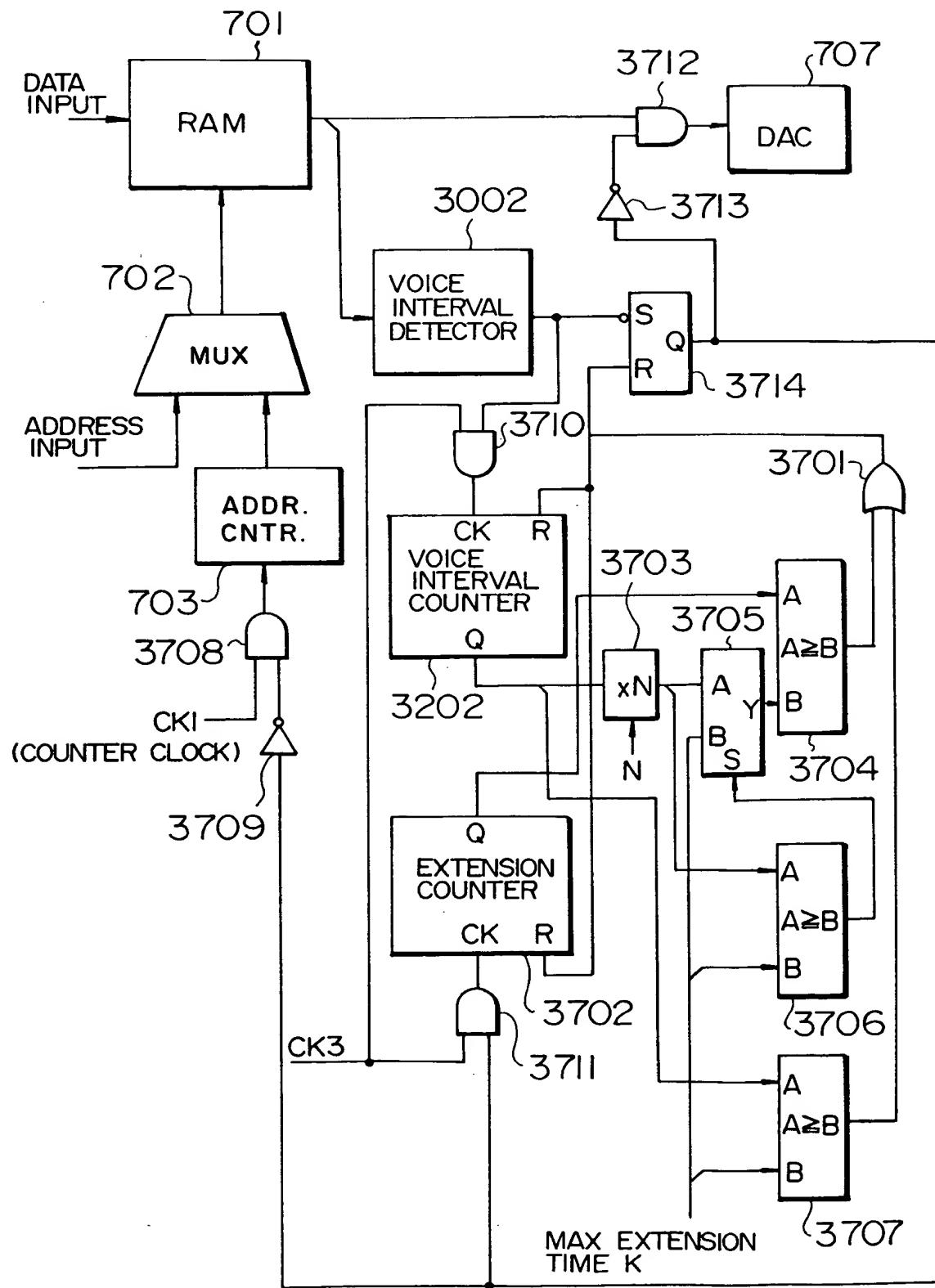


FIG. 38

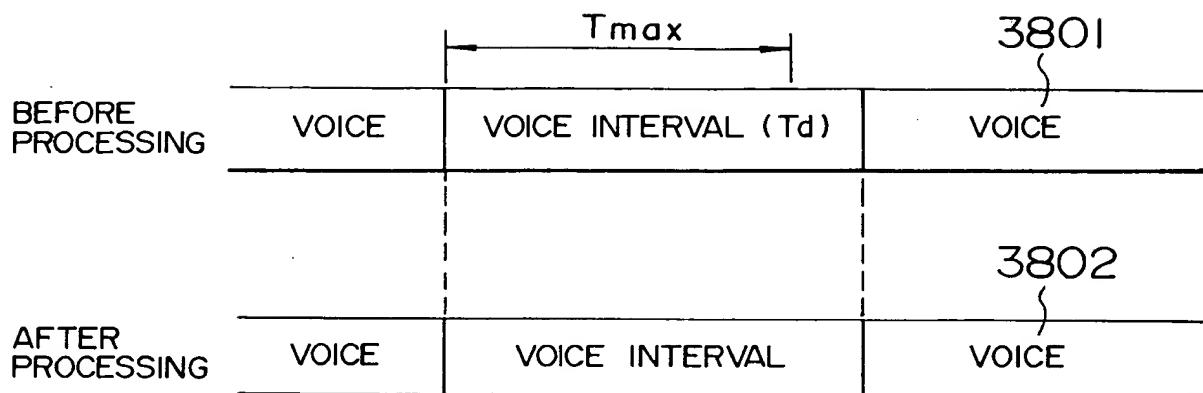


FIG. 39

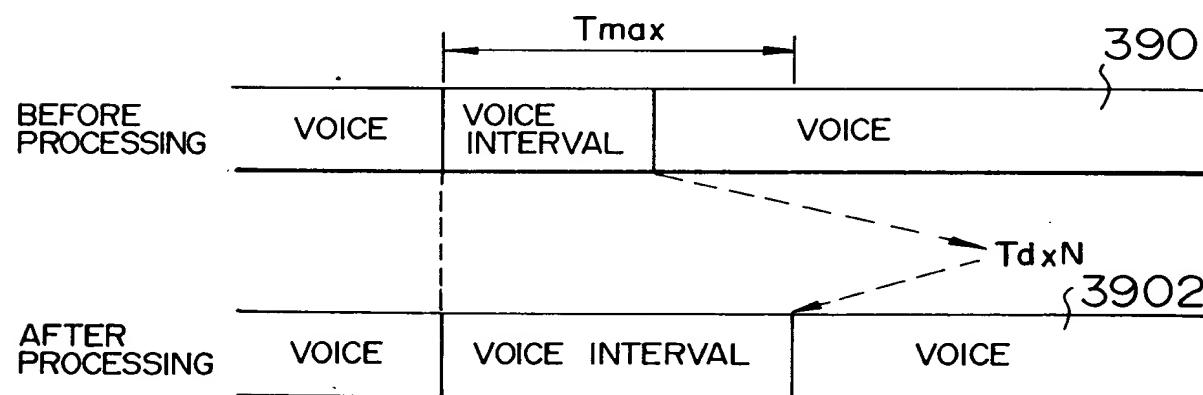
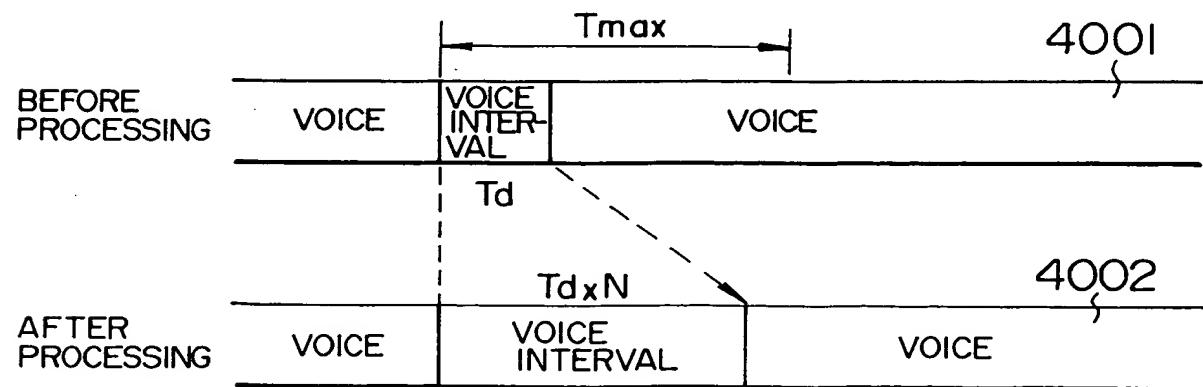


FIG. 40



APPROVED	BY	CLASS	SUBCLASS
DEPARTMENT			

FIG. 41

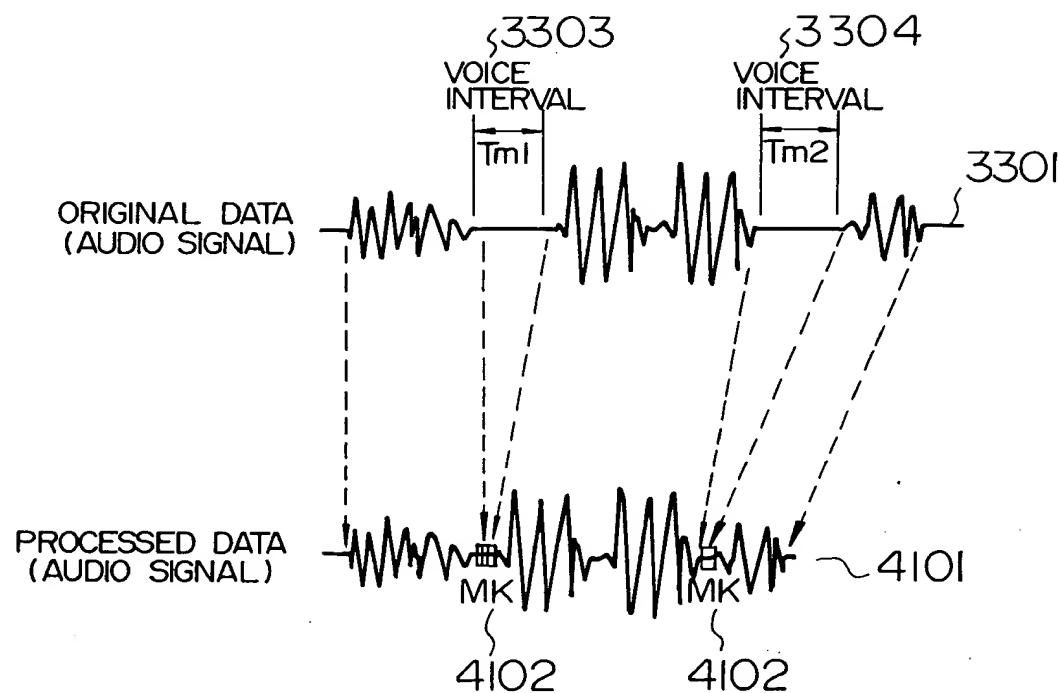


FIG. 42

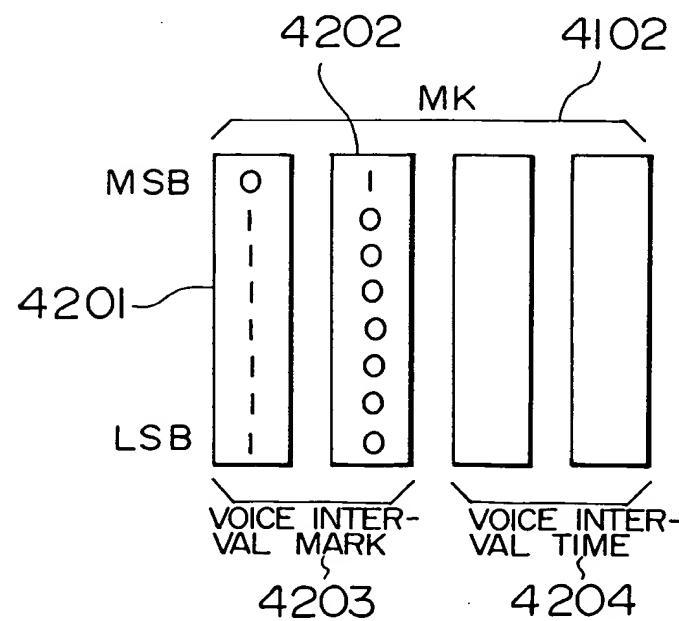
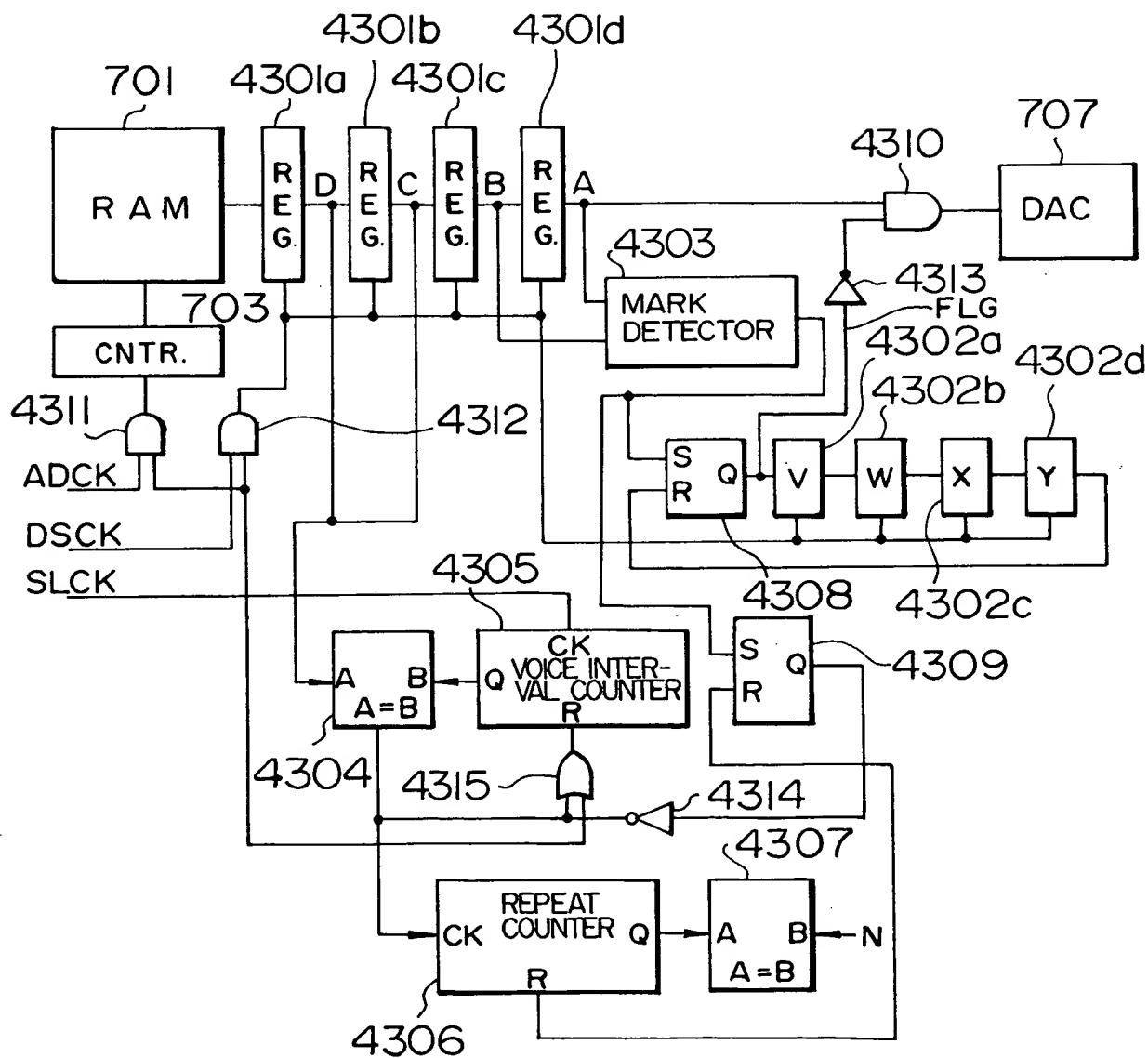


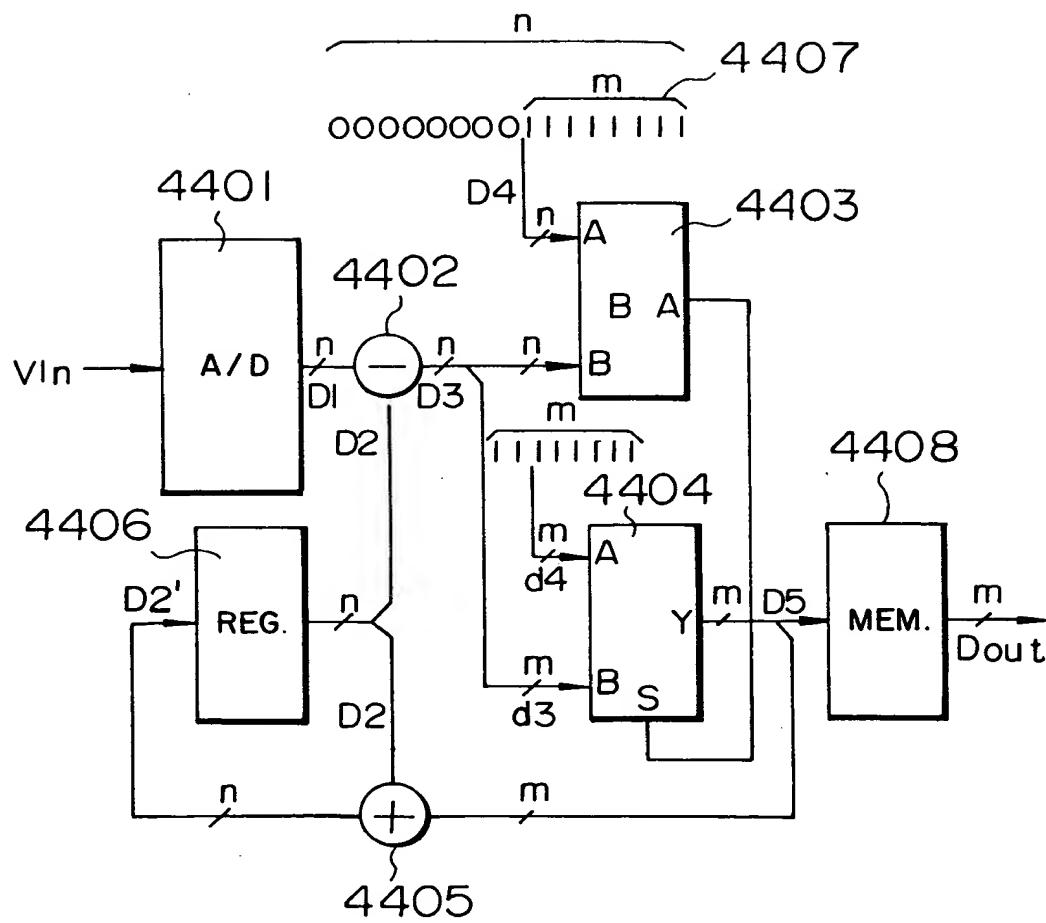
FIG. 43



APPROVED	BY	CLASS
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 44

098863368-062201



APPROVED	10-12-74	CLASS	1
BY		SUBCLASS	
DRAFTSMAN			

00000000000000000000000000000000

FIG. 45



FIG. 46

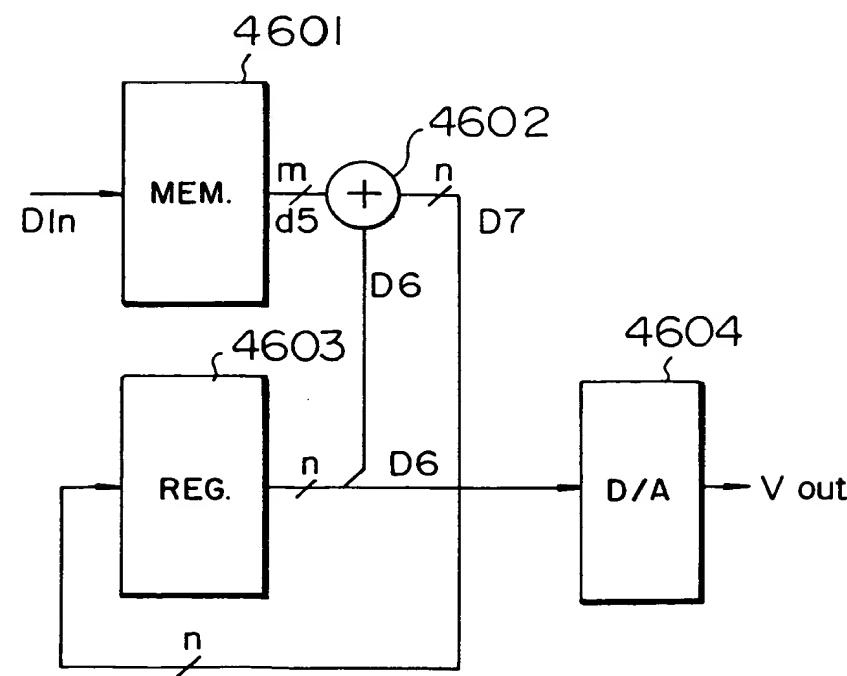


FIG. 47

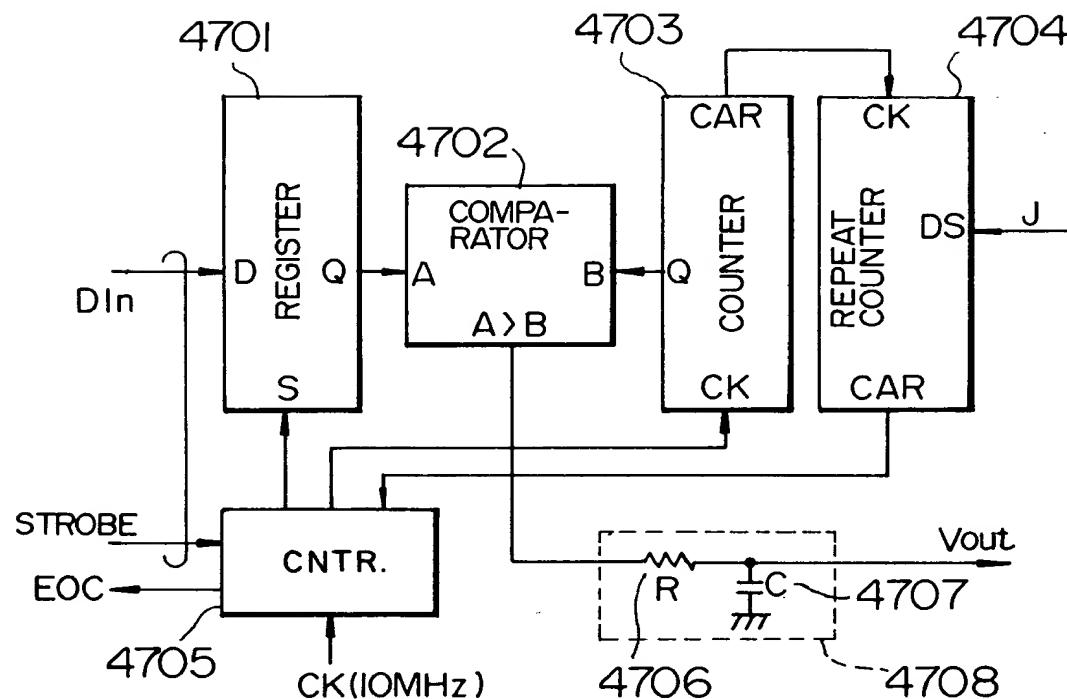


FIG. 48

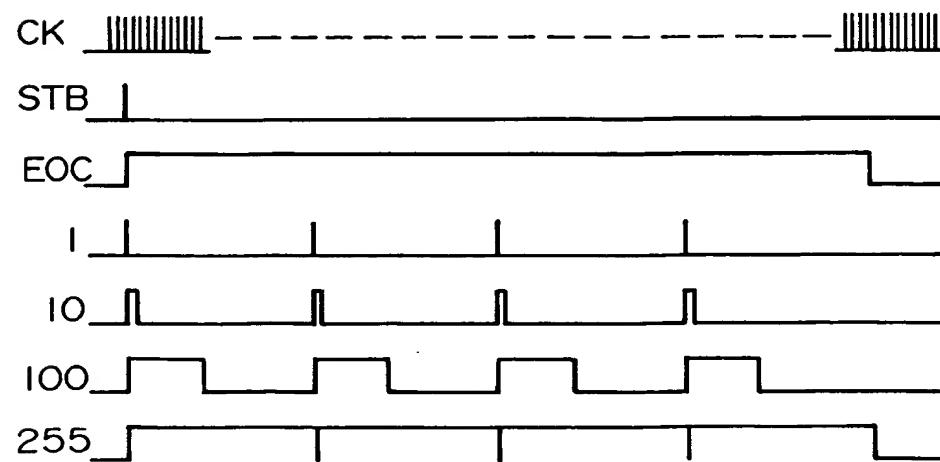
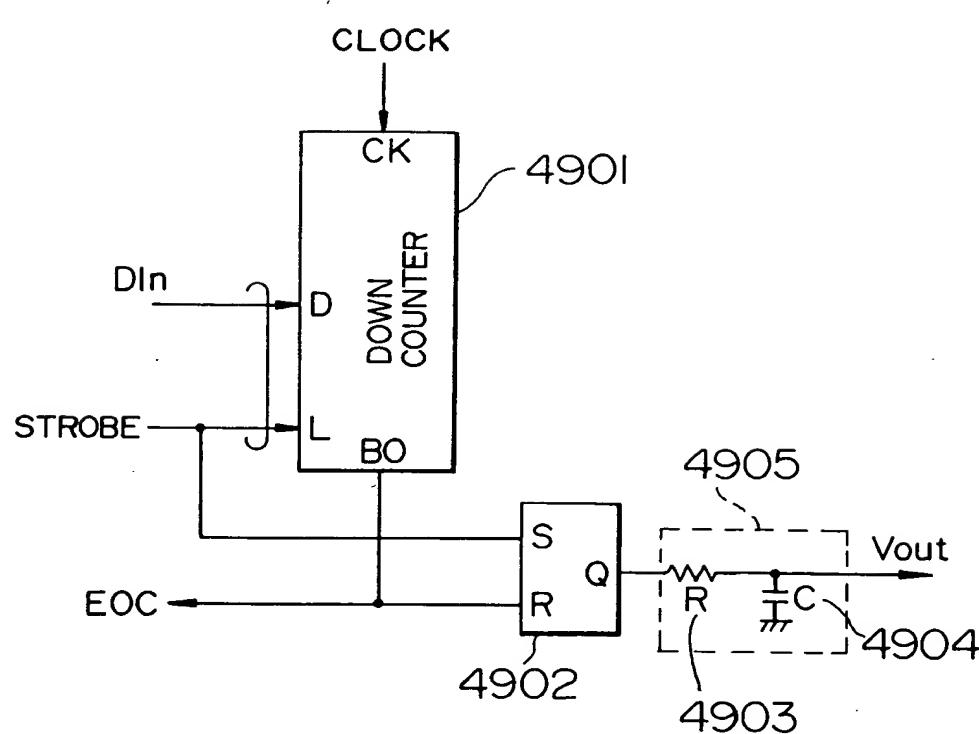
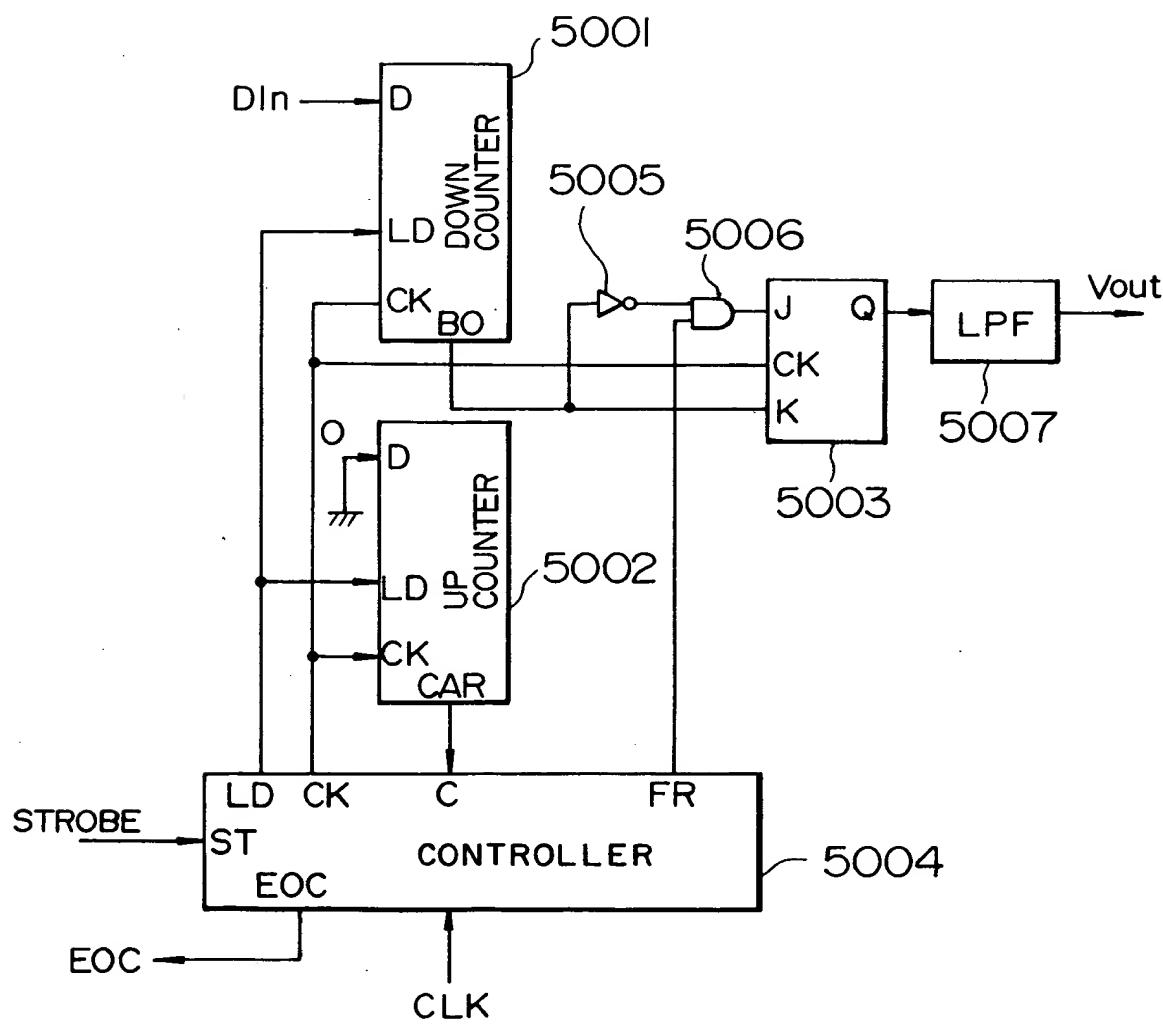


FIG. 49



00000000000000000000000000000000

FIG. 50



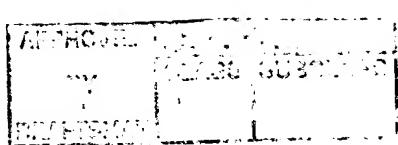


FIG. 51

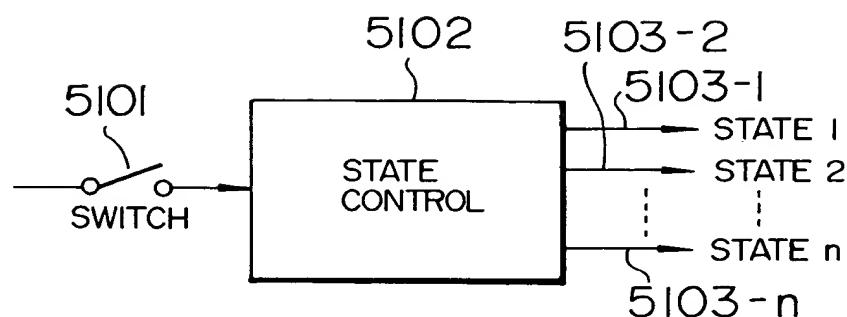


FIG. 52

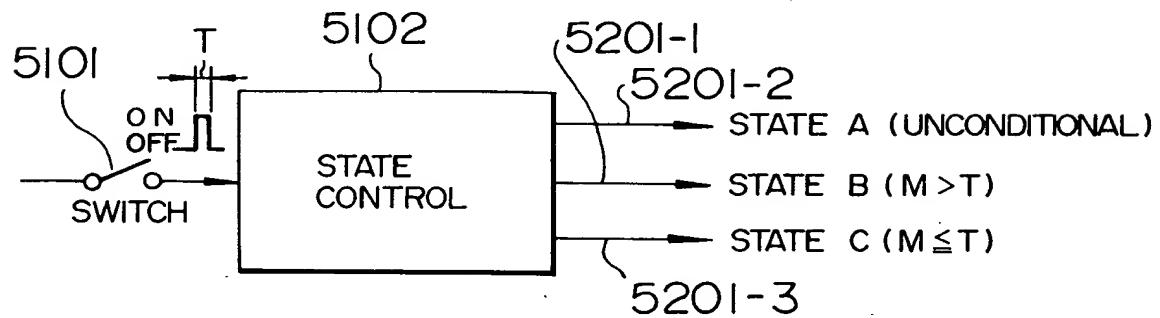


FIG. 53

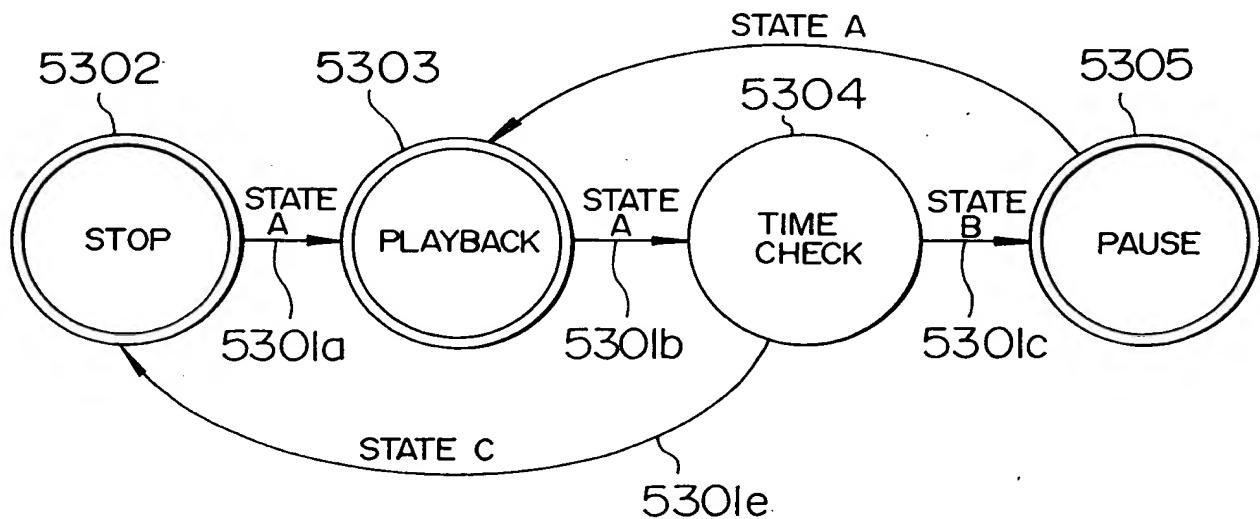


FIG. 54

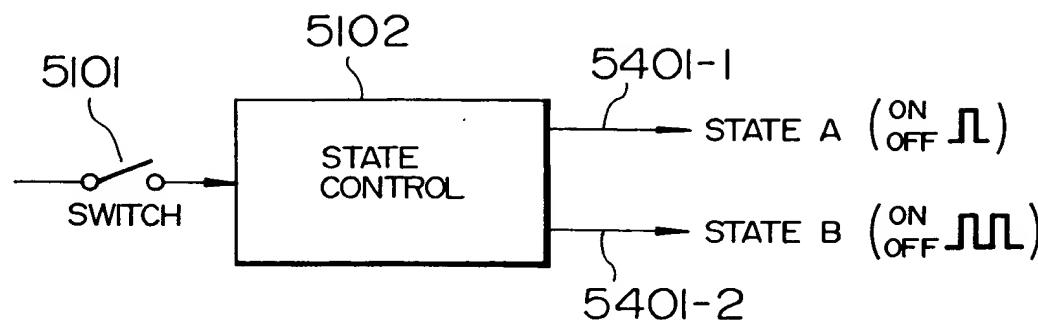


FIG. 55

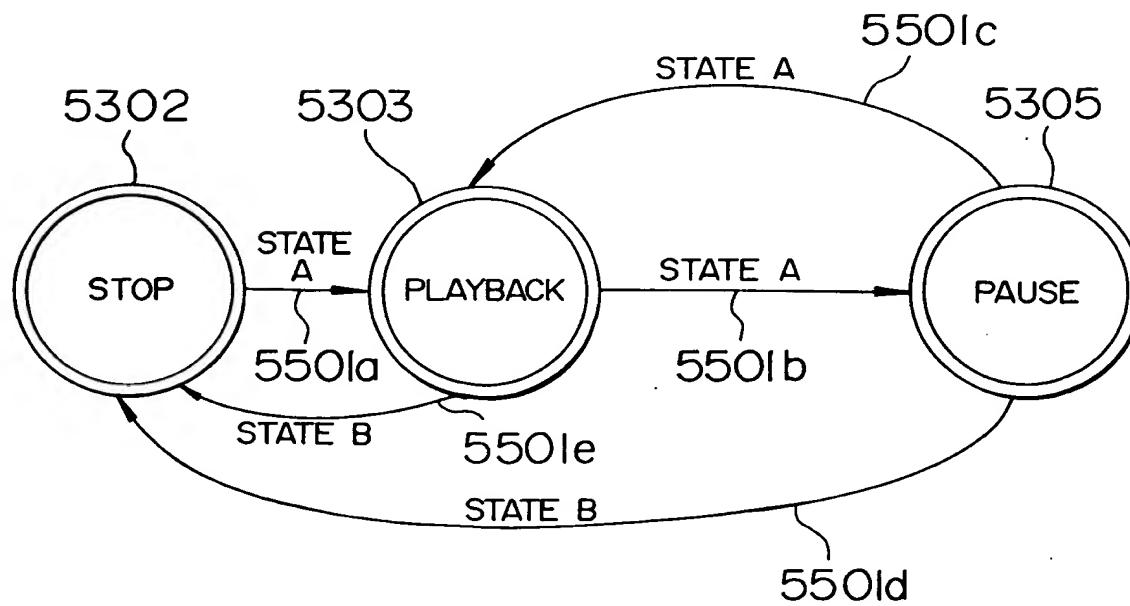


FIG. 56

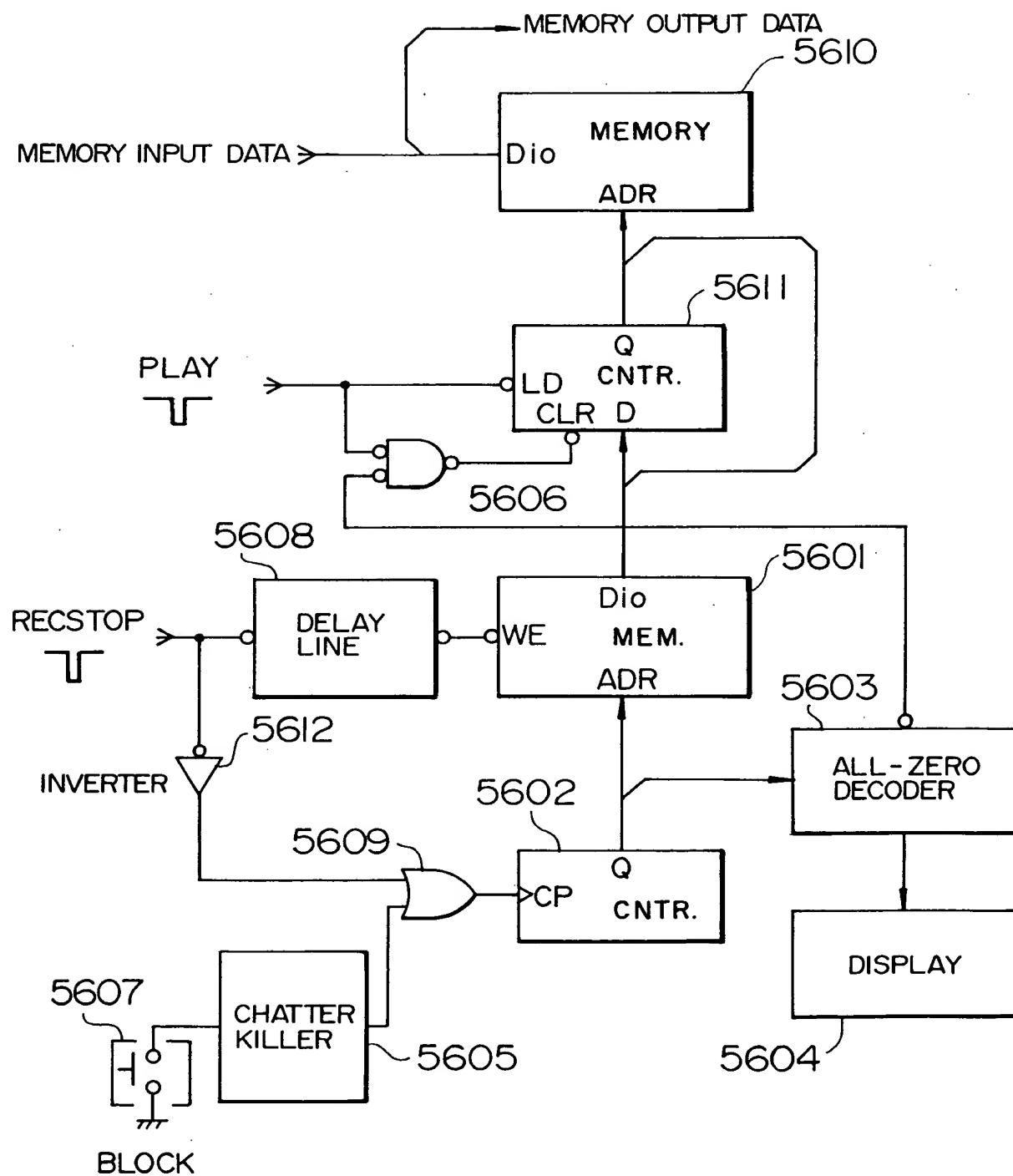


FIG. 57

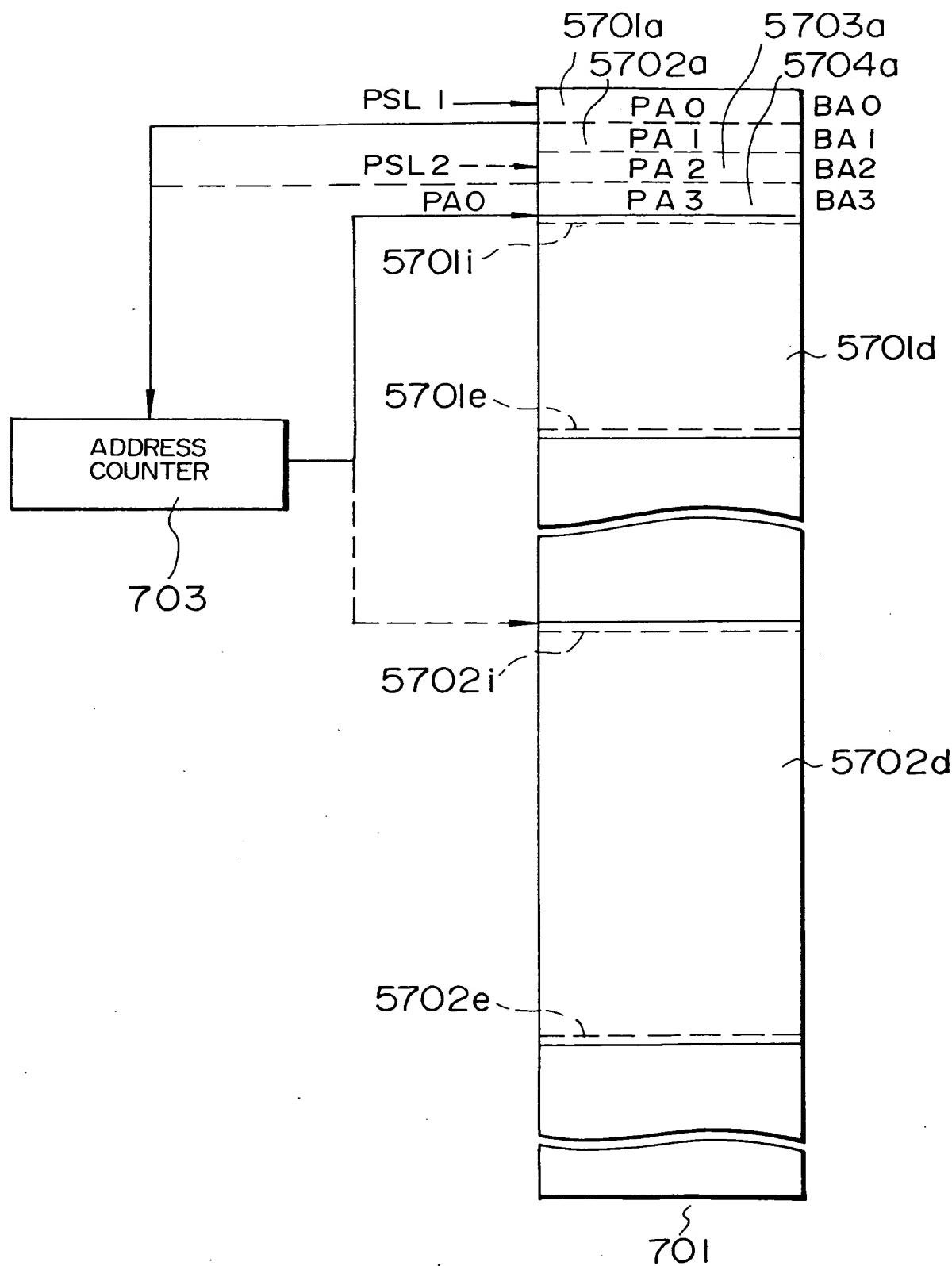
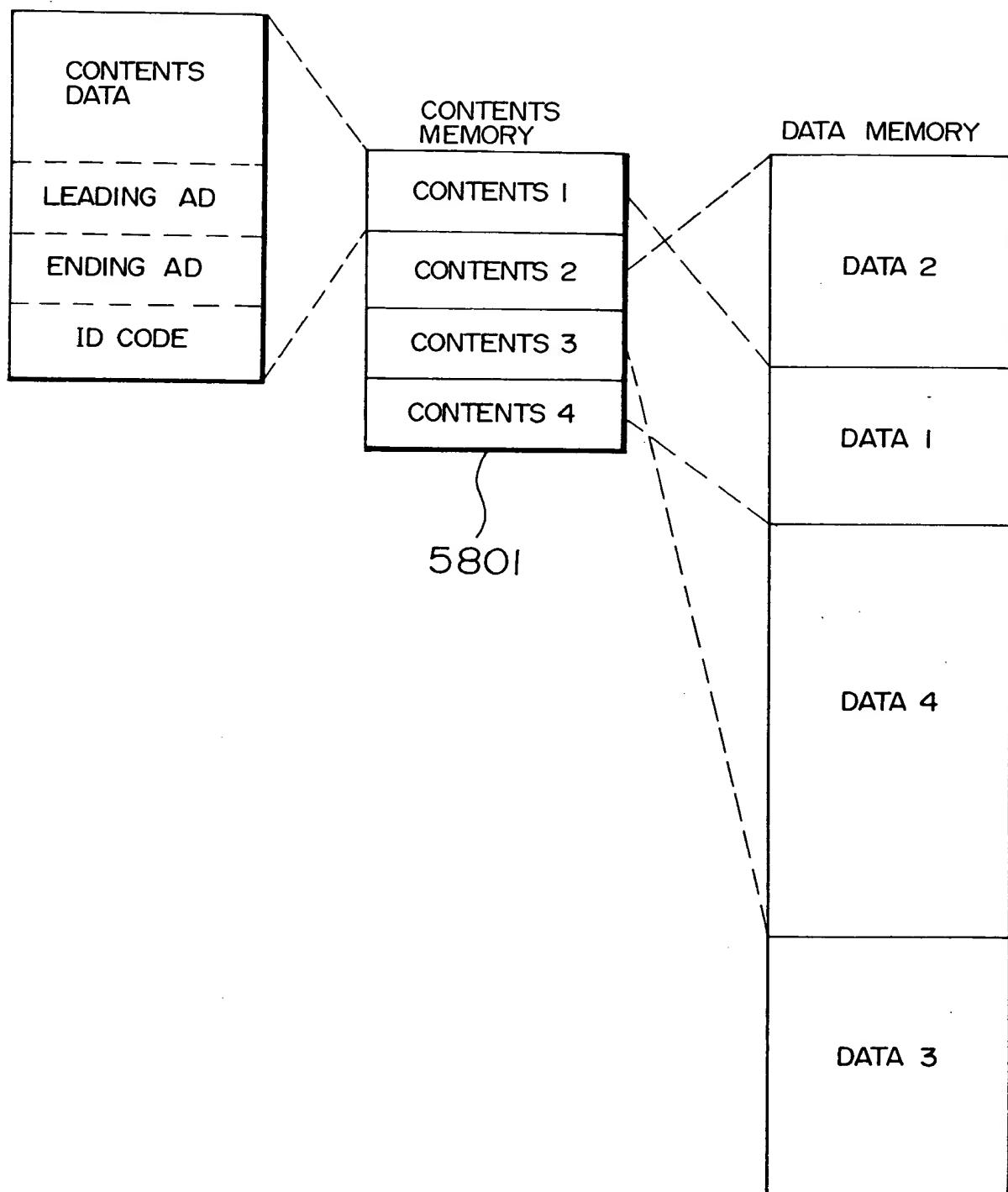


FIG. 58



09336368-06220

FIG. 59

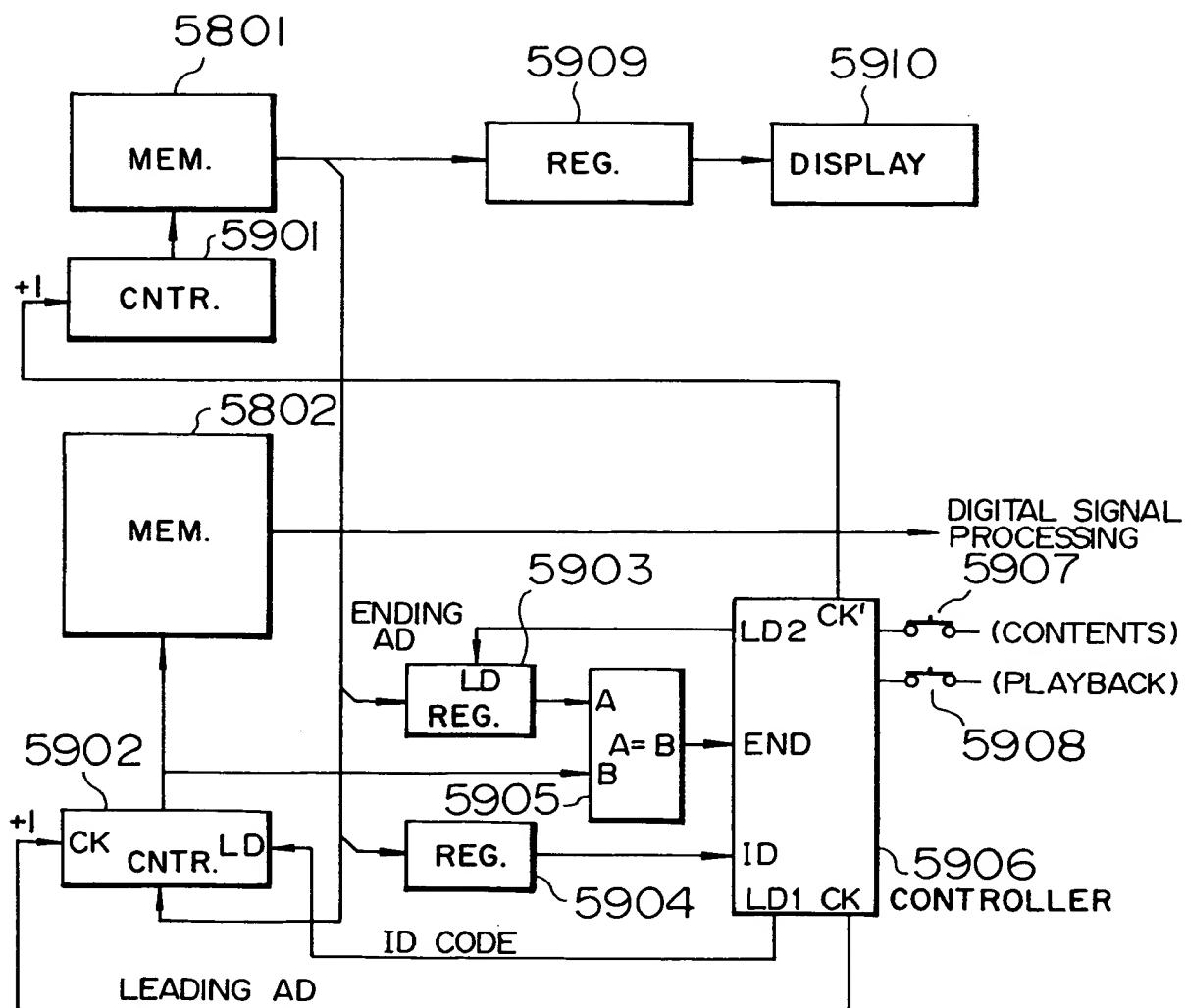
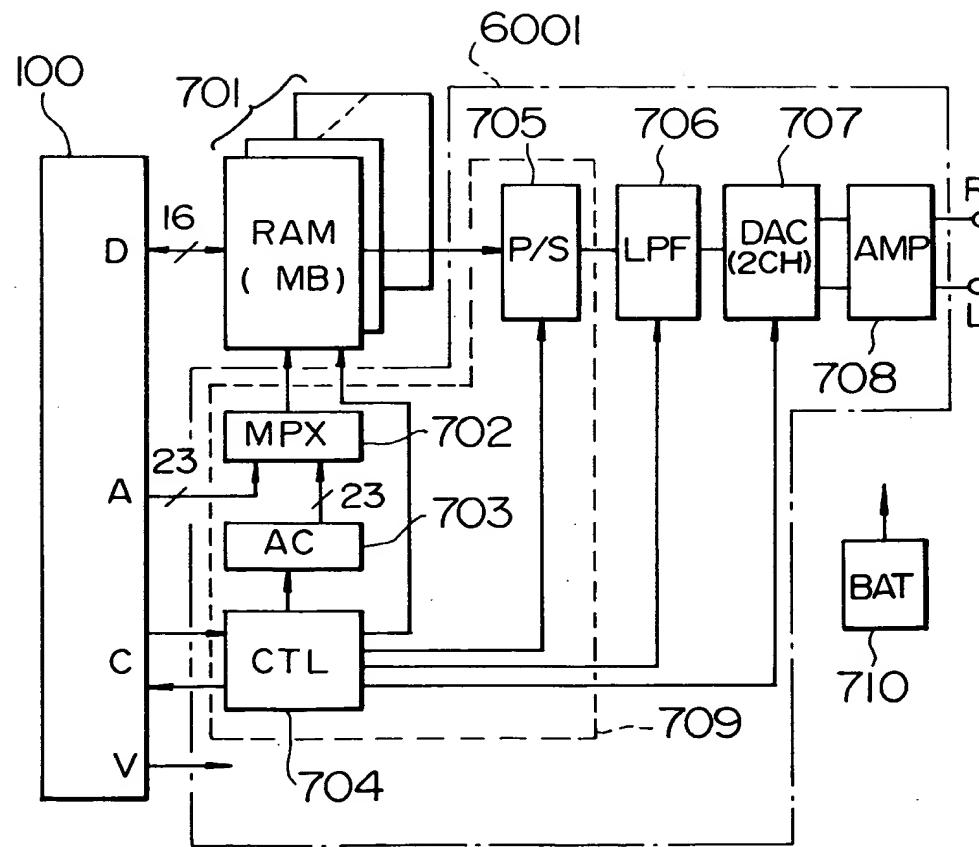


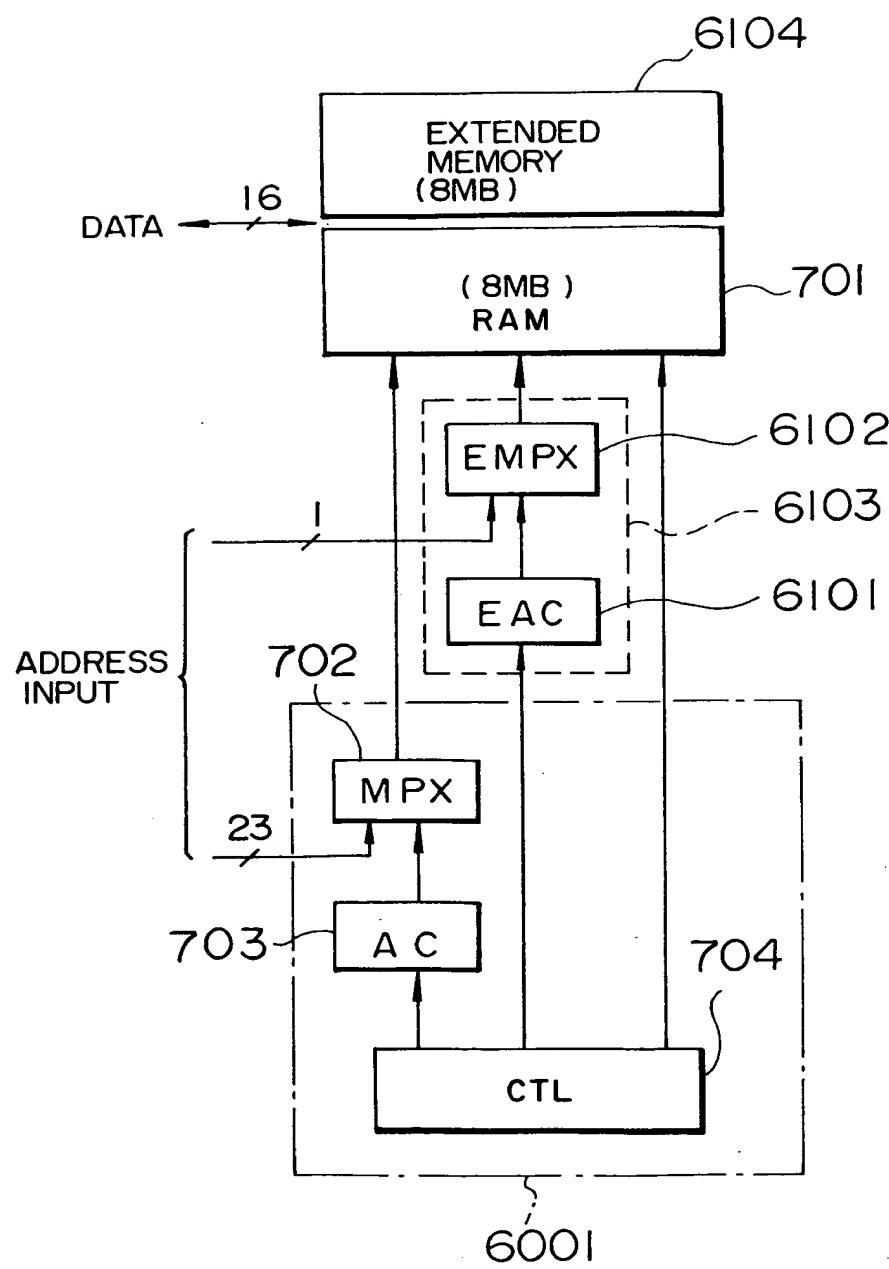
FIG. 60



09836360 062204

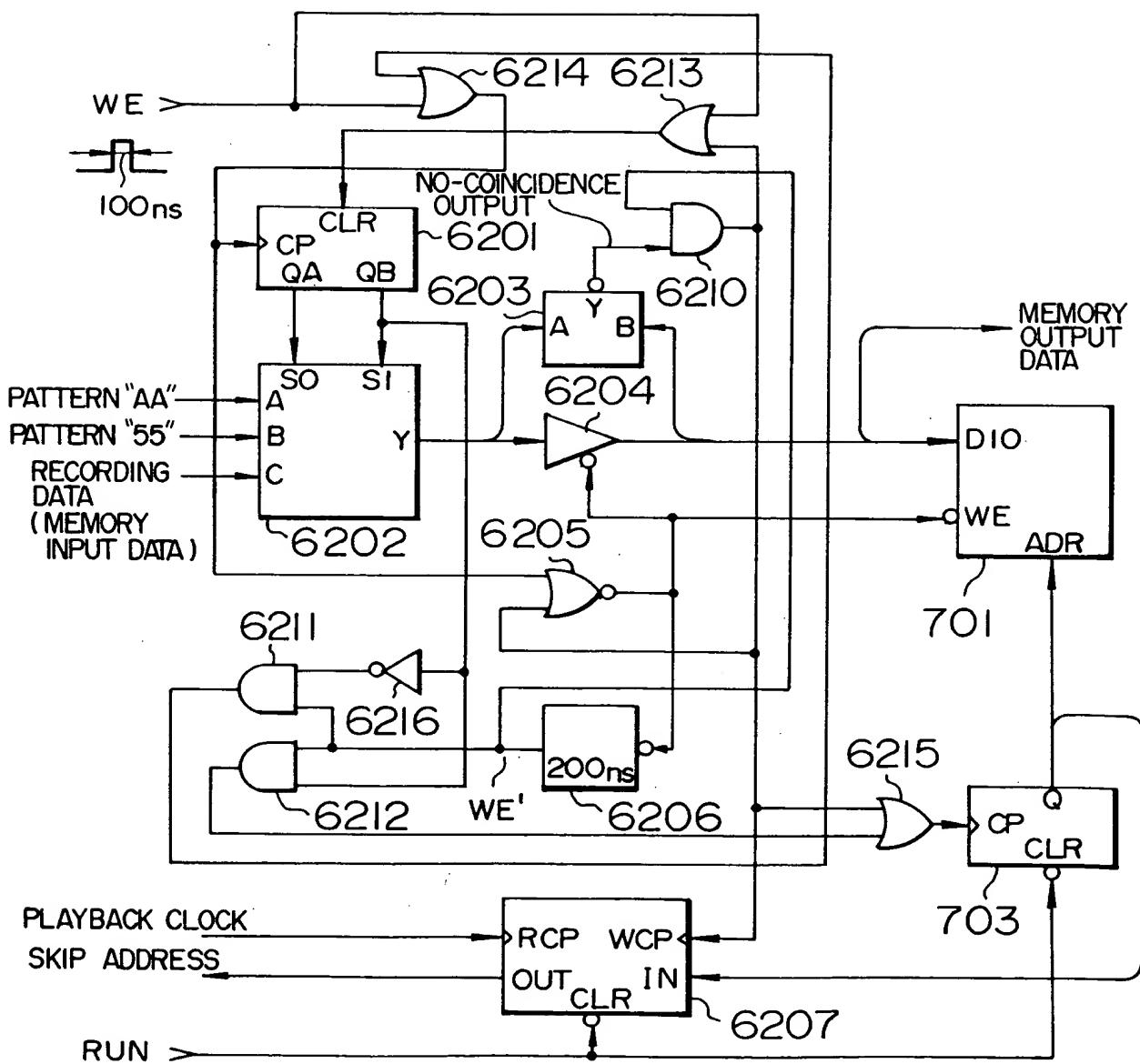
APPROVED  
BY  
CLASS SUBCLASS  
DRAFTSMAN

FIG. 61



09886368-062201

FIG. 62



Approved	By	CLASS	SUBCLASS
DRAFTSMAN			

FIG. 63

11022230 • 3323860

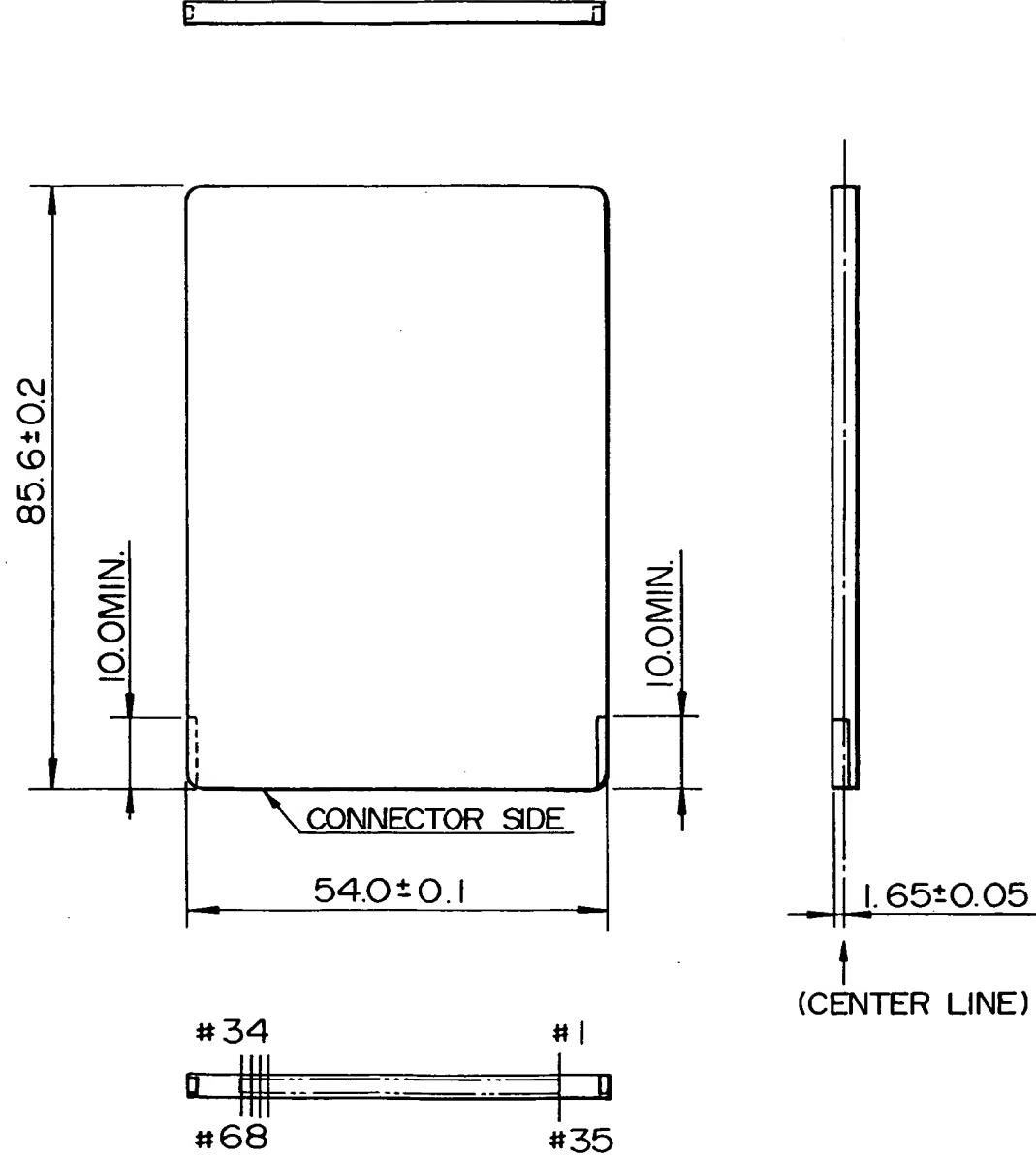
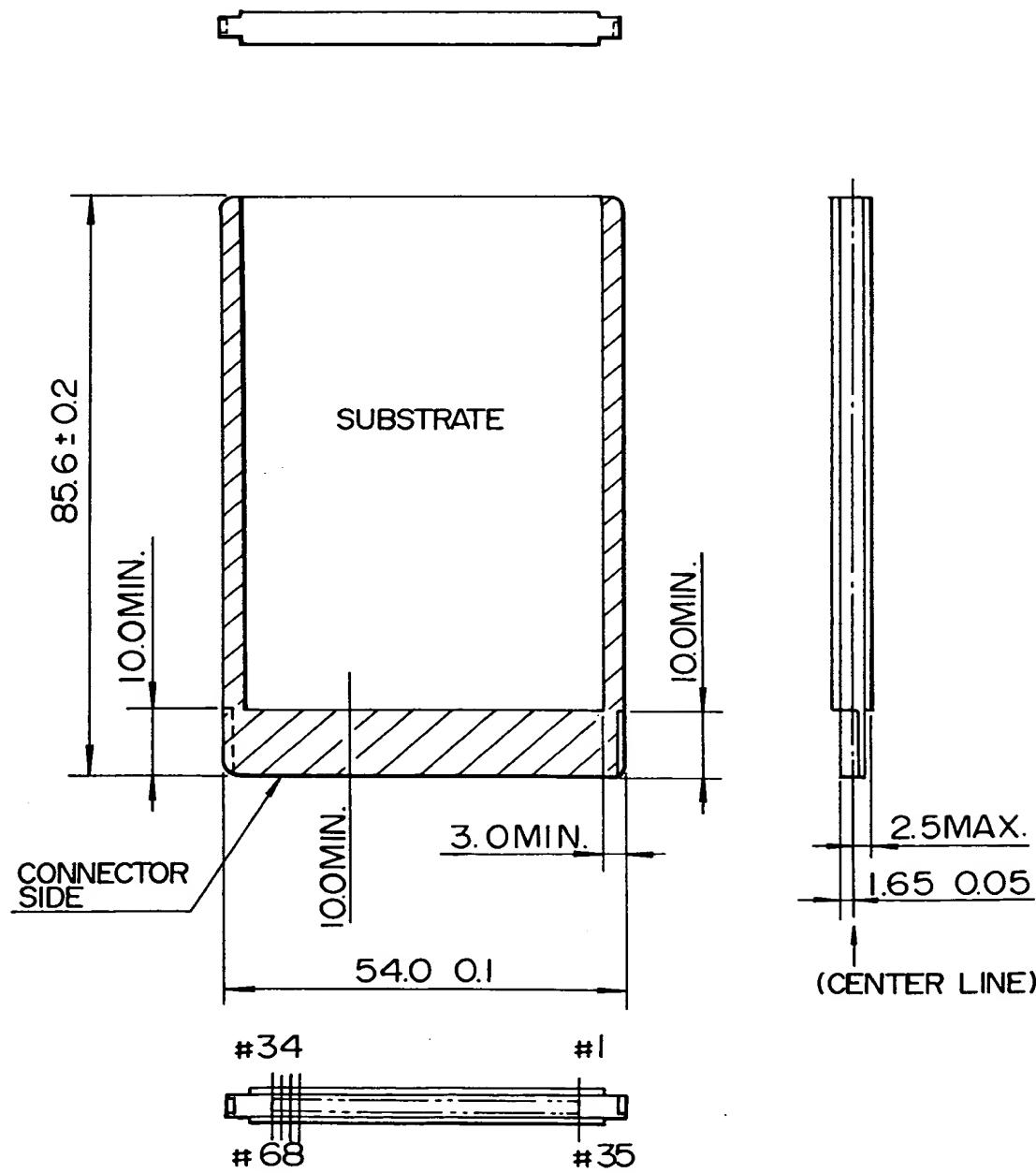


FIG. 64



10020000000000000000000000000000

APPROVED	BY	CLASS	SUBCLASS
DRAFTSMAN			

# FIG.65

PIN	NAME	I/O	FUNCTION	PIN	NAME	I/O	FUNCTION
1	GND			35	GND		
2	D3	I/O		36	CD1	O	CARD DETECTION
3	D4	I/O		37	D11	I/O	
4	D5	I/O		38	D12	I/O	
5	D6	I/O		39	D13	I/O	
6	D7	I/O		40	D14	I/O	
7	CE1	I	CARD ENABLE	41	D15	I/O	
8	A10	I		42	CE2	I	CARD ENABLE
9	OE	I	OUTPUT ENABLE	43	RFSH	I	REFRESH ( FOR PSRAM )
10	A11	I		44	RFU	NC	RESERVE
11	A9	I		45	RFU	NC	RESERVE
12	A8	I		46	A17	I	
13	A13	I		47	A18	I	
14	A14	I		48	A19	I	
15	WE/PGM	I	WRITE ENABLE	49	A20	I	
16	RDY/BSY	O	RDY BSY(EEPROM)	50	A21	I	
17	VCC			51	VCC		
18	VPP1		PROGRAM POWER (EVEN-NUMBERED BYTES)	52	VPP 2		PROGRAM POWER (ODD-NUMBERED BYTES)
19	A16	I		53	A22	I	
20	A15	I		54	A23	I	
21	A12	I		55	A24	I	
22	A7	I		56	A25	I	
23	A6	I		57	RFU	NC	RESERVE
24	A5	I		58	RFU	NC	RESERVE
25	A4	I		59	RFU	NC	RESERVE
26	A3	I		60	RFU	NC	RESERVE
27	A2	I		61	REG	I	ATTRIBUTE MEMORY SELECTION
28	A1	I		62	BVD2	O	BATTERY VOLTAGE DETECTION
29	A0	I		63	BVD1	O	
30	DO	I/O		64	D8	I/O	
31	D1	I/O		65	D9	I/O	
32	D2	I/O		66	D10	I/O	
33	WP	O	WRITE PROTECT	67	CD2	O	CARD DETECTION
34	GND			68	GND		

098369-02000

DATA	DATA	DATA
CLASS	CLASS	CLASS
DATA	DATA	DATA

**FIG. 66**

ITEM	SIGNAL	MEMORY CARD	SYSTEM	MEMORY CARD OUTPUT FORMAT
CONTROL SIGNAL	<u><math>\overline{CE1}</math></u> <u><math>\overline{CE2}</math></u> <u>REG</u>	PULL UP TO VCC $R \geq 10K\Omega$	—	—
	<u>OE</u> <u>WE/PGM</u>	PULL UP TO VCC OR NO RESISTANCE	—	—
	<u>RDY/BSY</u>	—	PULL UP	NOT DETERMINED
	<u>RFSH</u>	NC	—	—
ADDRESS	AO-A25	PULL DOWN TO GND OR NO RESISTANCE	—	—
DATA BUS	DO-D15	PULL DOWN TO GND OR NO RESISTANCE	—	THREE-STATE
CARD DETECTION	<u>CD1</u> <u>CD2</u>	CONNECT CARD GND	PULL UP	CONNECT TO GND IN MEMORY CARD
WRITE PROTECTION	WP	—	—	"H" OR "L"
BATTERY VOLTAGE DETECTION	BVD1 BVD2	—	PULL UP	"H" OR "L"
RESERVE PIN	RFU	NC	NC	NC

FIG. 67

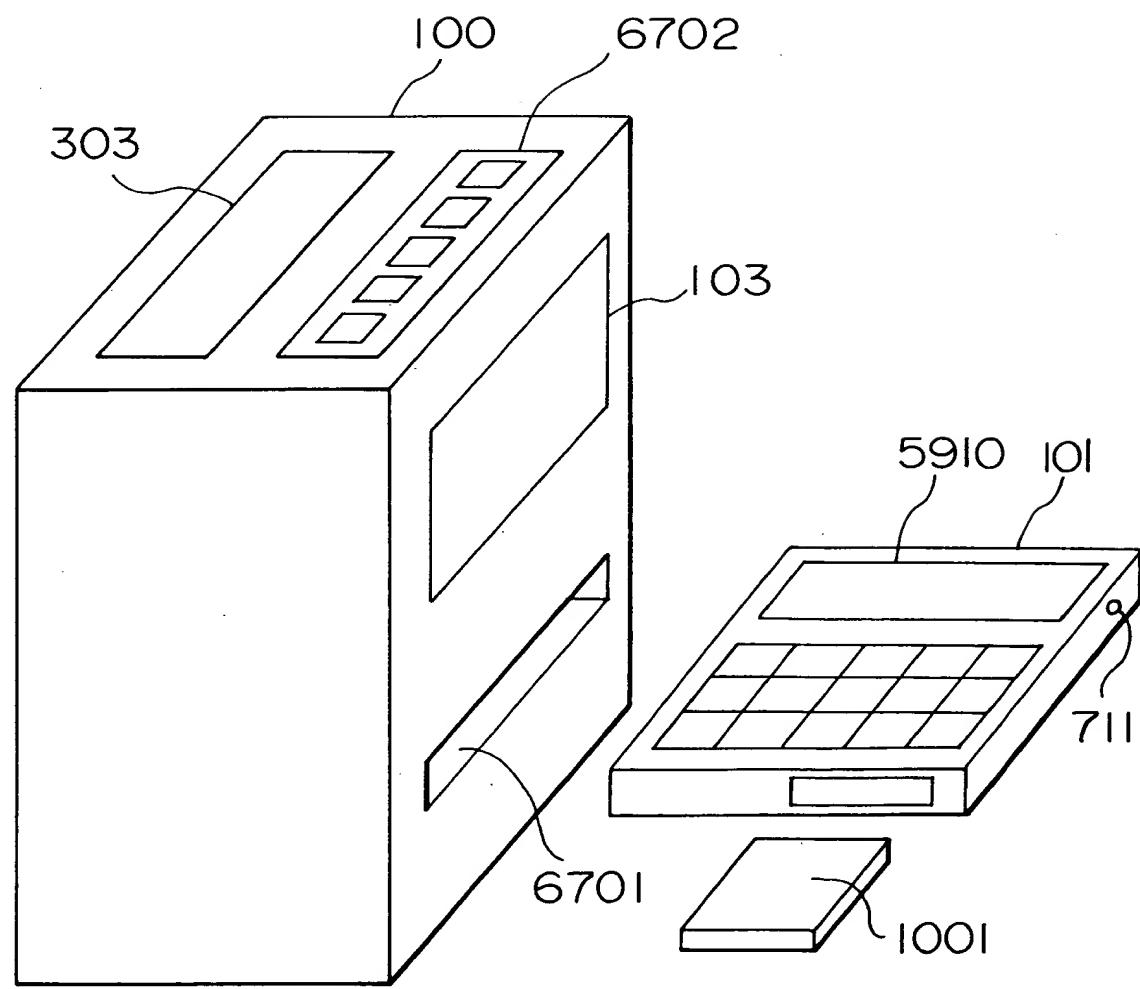


FIG. 68

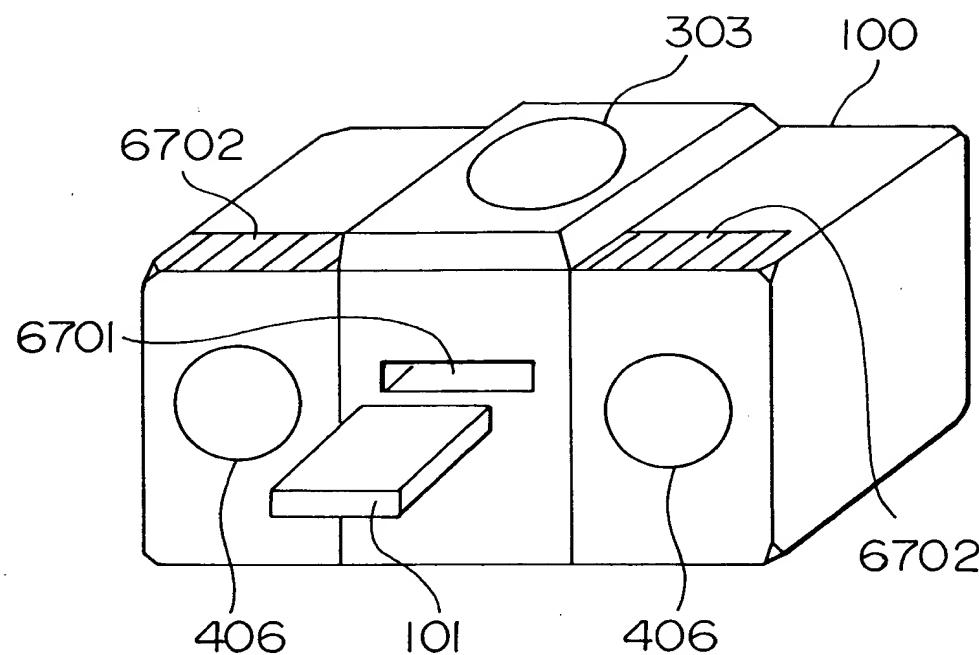


FIG. 69

